

WORKSHOP MANUAL

Canon

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CHAPTER 1

GENERAL

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1. GENERAL

1-1. Specifications

SYSTEM CONFIGURATION

Standard Configuration: CRT + Keyboard + Micro FDD

Memory: 256K

Floppy Disk: 3.5" single-sided, double-density, double-track

Disk Capacity: 240K (text: 180K, about 80 pages)

DISPLAY

Screen Size and Type: 9" CRT

Color: Black-on-white

Format and Capacity: 24 lines by 80 characters (344 by 640 dot)

Underline Display: Standard Centering Display: Standard

Cursor Position: LEAP, CREEP, SCROLL UP/DOWN

KEYBOARD

Number of Keys: 59 (U.S.A) to 61 Entry System: N-key rollover

Keytop. Concave, step sculpture

GENERAL FEATURES

Line Spacing: 1, 1-1/2, 2

FUNCTIONS

Cursor Movement Typing and Erasing

Leap ForwardAutomatic Page BreakLeap BackwardKeyboard I and IILeap AgainShift LockLocal/Global LeapErase Forward

Leap-Erase Erase Backward
Creep Forward

Erase Forward

Erase Backward

Erase Backward

Erase Backward

Creep Forward Editing
Creep Backward Decimal Tab

Screen Scroll-Leap Centering. margins, tabs

Automatic Reformatting

Block Move Block Copy Block Erase Document Lock

Indent

SOFTWARE FORTH

POWER SUPPLY 100, 120, 230V 50/60Hz

OPERATION ENVIRONMENT

Temperature: 10°C to 35°C (50°F to 95°F)

Humidity: 20% to 80%

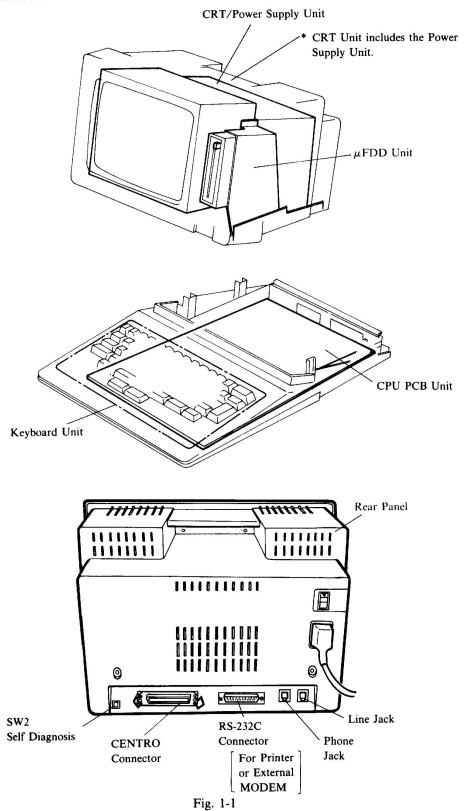
DIMENTIONS In millimeters: $342(W) \times 264(H) \times 510(D)$

In inches: $13.5(W) \times 10.4(H) \times 20.1(D)$

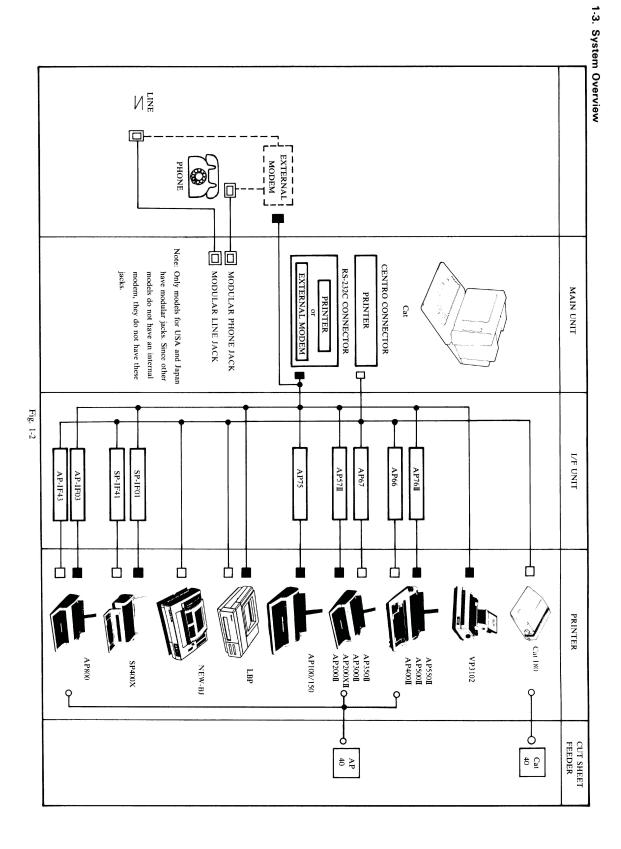
WEIGHT 9.2 Kg (20.3 1bs)

Subject to change without notice.

1-2. Overview



1-2





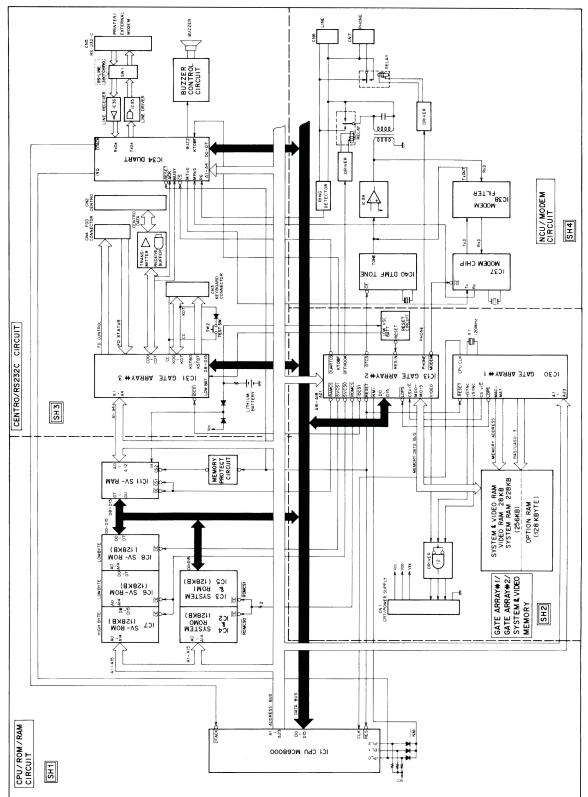


Fig. 1-3

Block	LSI Name		200000000000000000000000000000000000000	Fun	ction		
CPU/ROM/ RAM	CPU MC68000	16 bit microprocessor CPU Clock: 5 MHz Address bus: A1 ~ A23 (A19 and A20 not used) Data bus: D0 ~ D15 The CPU controls the entire system. It responds to the following two interrupts: 1. NMI: CPU operation is monitored by gate array #2. In the CPU operates abnormally, gate array #2 resets the entire system. 2. IPLO: Inputs IRQ from DUART. (For more information, see the DUART item.) If a key input is not received within a certain time, the CPU saves the contents of the system RAM to disk and turns of the screen. (When a key is pressed, the screen is turned or and text is displayed.)					
	System ROM	The contents of the system ROM (256 KBYTES) are shown below. 1. System Program 2. Self Diagnosis Program 3. Keyboard code table/CG					
	SV-ROM	The SV-ROM is provided for the spelling check. When the spelling check is performed, it functions as a dictionary. (The SV-ROM is not available for some countries.) The names of the dictionaries used and the availability of the SV-ROM is shown below. 1. ROM O: Yes					
		PARTS NO.	IC6	IC7	IC8	COUNTRY	
		NH7-0684	0	_		USA, JAPAN	
		NH7-0724	0	_	_	U.K., OCEANIA	
		NH7-0813				QUEBEC, FRANCE	
- -		NH7-1019 NH7-1020 NH7-1021	0	0	_ _ 0	W. GERMANY	
		2. Dictionary name					
		DICTIONARY COUNTRY					
		American Heritage American Heritage (British) Librairie Larousse Langenscheidt USA, JAPAN U.K., OCEANIA QUEBEC, FRANC W. GERMANY					

Block	LSI Name	Function	
CPU/ROM/ RAM	SV-RAM	The SV-RAM (8 KBytes) is used to store a personal dictionary and the setup screen information. This personal dictionary and setup screen information are backed-up by a lithium battery.	
		Personal dictionary: Dictionary registered by the user. It is used in the spelling check. Setup screen: Includes the setup data for the printer, modem, and other devices.	
	Memory Protect Circuit	This circuit protects the contents of the SV-RAM when the power is turned on and off and when the +5V supply is unstable.	
Gate Array #1 & #2/RAM	System & Video RAM	The system & video RAM consists of eight 4-bit D-RAMs. (256 KBytes standard) An optional RAM (128 KBytes) can be added. These RAMs are for video and system use.	
		 Video RAM: Stores the CG-pattern for CRT display. System RAM: Used to store the user Text, or for system operation. 	
	Gate Array #1	 Gate Array #1 has the following functions: CPU clock generator Divides a clock signal of approximately 20 MHz by four and outputs a 5 MHz CPU clock signal. CRT sync signal generation HSYNC and VSYNC output. Memory control signal generation Outputs the memory address, RAS, CAS, and WE signals and controls the system & video RAM. Also shows if the data output from memory is video data or CPU data. Outputs the CS V/C signal to Gate Array #2. 	

Block	LSI Name	Function
Gate Array #1 & #2/RAM	Gate Array #2	Gate Array #2 has the following functions: 1. Decoder Outputs the I/O LSI and memory IC decode signals. 2. Video signal generation The CS V/C signal multiplexes the read data from memory with the CPU data and video data. The video data is then converted by the LDPS signal from parallel to serial data and output to the CRT unit. 3. Relay control signal The relays at the NCU are controlled as follows: ① After a telephone ring is detected, the telephone line is connected to the main unit circuit by the OFF HOOK signal. (The line and telephone are still connected.) ② Next, the telephone and telephone line are disconnected by the Phone signal. (Only the telephone line is connected.) 4. Reset signal delay control RESIN signal is output after a delay of 0.7 ms.
CENTRO & RS-232C	Gate Array #3	Gate Array #3 has the following functions: 1. CENTRONICS printer interface 2. Keyboard interface (1) The CPU stores key data by scanning the keyboard at 6.5 ms intervals. The DUART produces the key scan interval time. (2) CC: Check code strobe After the power switch is turned on, the signal level is lowered and the status of bit D7 is checked. If it is on, self diagnosis is performed. 3. Low Battery Detector The Reset IC monitors the lithium battery, and when low BAT = high, a battery mark is displayed on the ruler line. 4. FDD Controller (1) Outputs the signal which drives the FDD and reads the FDD status. (2) Separates the read data from the FDD into clock bits and data bits. Note: The CPU controls data transfer between the FDD and system RAM. At this time, the CPU inhibits all interruptions.

Block	LSI Name	Function		
CENTRO & RS-232C	DUART	 The DUART has the following functions: The DUART has two ports. One port is for the internal modem and the other port is for the external modem or printer. (External modem or printer is selected by setup screen.) Buzzer control The DUART outputs IRQ to the CPU under the following two conditions: When the CPU key-scan timing signal is generated by the internal counter of Gate Array #2. TOBF is output to DUART every 6.5 ms. and DUART outputs IRQ to the CPU. When a telephone ring is automatically detected by the main unit 		
Modem & NCU	Modem Chip	This IC is a single chip modem which complies with Bell 212A and CCITT V.22 standards. It has a 1200bps PSK modem and fall back mode 300bps FSL modem functions.		
	Modem Filter	The filter specifications conform to the Bell 212A and CCITT V.22 standards.		
	DTMF Tone Generator	This LSI outputs a dial tone to the telephone line without the use of a telephone set when automatic dialing is performed.		
	These LSIs and circuits are installed in models with internation the U.S.A, ASIA, QUEBEC, OCEANIA, and JAPAN has with internal specifications. External modem specifications apply to other countries.			

1-6. Connector Layout

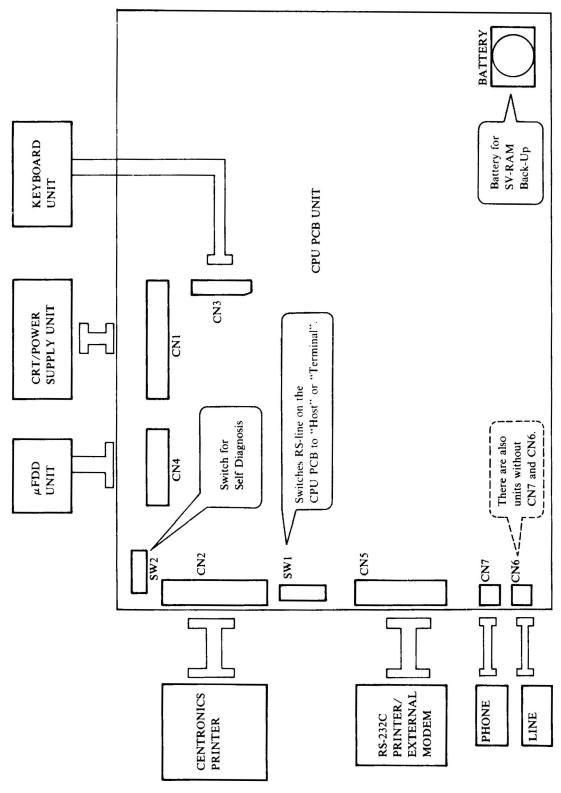


Fig. 1-4

1-9

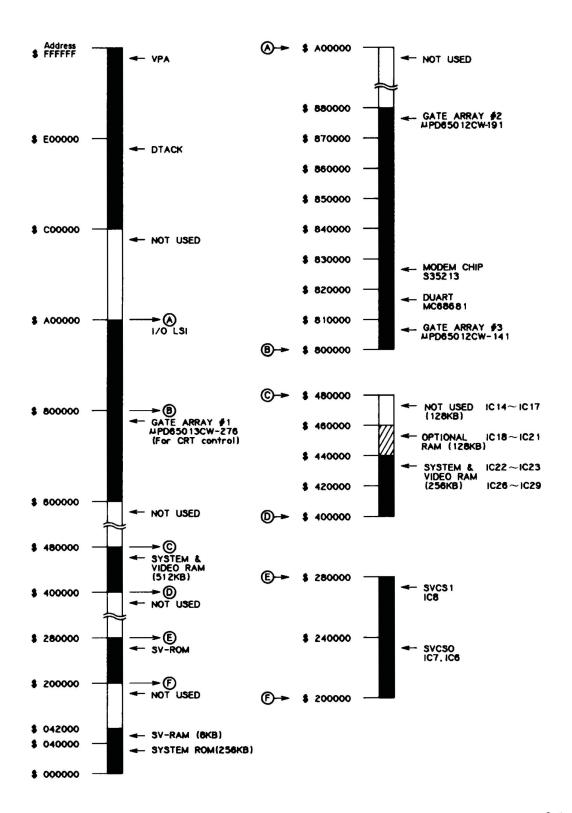
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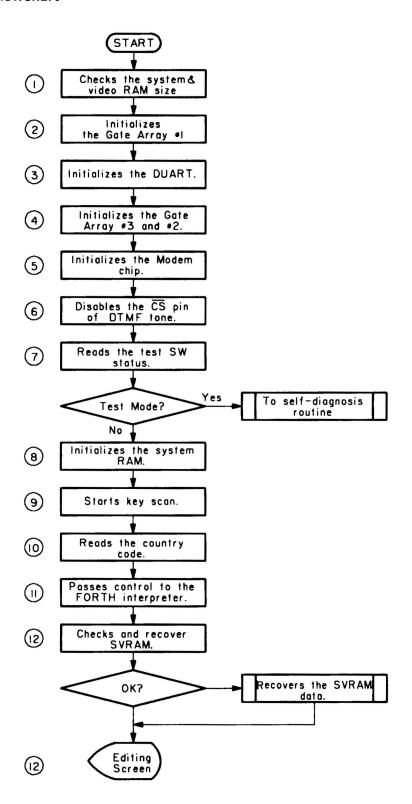
2. THEORY

2-1. Memory Map



2-2. Initial Flowchart

1. Flowchart



2-2. Initial Flowchart

2. Flowchart Description

- ① There are 512K bytes of space allocated for the System & Video RAM. However, this machine only uses a maximum of 384K bytes for the System & Video RAM. An R/W check is done for every 128 K bytes of this area, and the RAM size is checked.

 (Only addresses \$ 400000, \$ 420000, \$ 440000, and \$ 460000 are checked.)
- ② Gate Array #1 has a register for control of the CRT. Initialize the screen size, H and V SYNC signals, and screen off registers.
- 3 DUART has two kinds of registers for control of two RS-port. Initializes these registers.
- ④ Gate Array #3 has one register for control of the drive R/W and one keyboard key strobe register.
 Initializes these registers.
 - Gate Array #2 has registers for control of the timer, video signals and etc.
 Turns off Output Enable for the Video signal and turns off the Off Hook signal.
- (5) The modem chip operates on the basis of 29 commands. Sets the phase synchronization for the internal PLL circuit and set the pin state of modem chip. (The TxD and RxD pins are high impedance.)
- \bigcirc Disables the \overline{CS} signal for DTMF tone.
- (7) Reads the test switch status. If D7 is low, jump to the self-diagnosis routine.
- (8) Initializes the system & Video RAM.
- (9) Starts the key scan.
- (19) Reads the country code.
- (1) Enters the FORTH execution mode. FORTH performs initialization.
- Setup screen information and the user dictionary are stored in SV-RAM. A sum check is performed for the setup screen information. If the values are unequal, the default value is set according to the country code.

The user dictionary is checked in the same way. If an error is detected, the dictionary is cleared.

(13) Displays the editing screen.

1. CPU PCB Unit

(1) Operation Outline

Operation of CPU and peripheral equipment after initialization is shown below. (Refer to the block diagram description for an outline of each element)

① When a key is input.

CPU gets and processes keydata at intervals of 6.5 ms.

- 1)-1. The Gate Array #2 has a timer to count the key strobe interval time.
- ①-2. The KTOBF signal is outputted to the DUART when the count is full count. (The KTOBF: 6.5 ms period)
- ①-3. Upon detection of the KTOBF signal, the DUART outputs IRQ signal (6.5 ms period) to the CPU.
- ①-4. After receiving the IRQ, the CPU outputs keystrobe data to Gate Array #3 to get key codes from the keyboard.
- ①-5. CPU arranges the codes with a keytable according to the country code and convert them into the system code (like ASCII code).
- ①-6. CPU stores the codes into the text area in the SYS & video RAM, reads their character-pattern from the CG area in SYS ROM, and saves it into the video area into the SYS & video RAM.
- ①-7. Read and write timing for these data are controlled by Gate Array #1.
- ①-8. Gate Array #2 reads the video data and converts it from parallel to serial with the LDPS signal and outputs the video data to the CRT.
- (2) When you set the setup screen.

The CPU stores two kinds of information in SV-RAM.

- (1. Setup information
- 2. Personal dictionary

Whenever write the data, the CPU checks PFAIL bit. If PFAIL bit is on, the CPU stops to write the SV-RAM's data. If it is off, the CPU writes it into the SV-RAM. (PFAIL bit is set when the +5V is instable.)

(3) Text save

FDC is built in the Gate Array #3. Read/Write of μ FDD is controlled by this LSI. When saving Text on the disk, the CPU saves system RAM data (includes text) and SV-RAM data on the disk. The data is saved separately in the disk text area and SV-RAM area.

- 4 Text call
 - (4)-1. Text data and SV-RAM data are loaded together if user set load setup or spelling from the disk at the setup screen when loading Text data from disk to System RAM.
 - 4-2. The read data signal from the μ FDD is separated into its components signals, clock bit and data by Gate Array #3.
- (5) When you leave from keyboard:

If the screen blanking time is not set to "Never" in the setup screen, text data is automatically saved to disk by stopping key input for the established time.

If CPU doesn't get key data for three consecutive scans, the screen-off count begins from this point. If any key input is indicated before count end, the counter is cleared.

If count is full count, the CPU inhibits all interruptions and text data is transferred to FDD. Then the video signal goes high and the picture is turned off (The system and video RAM information remains as is. In this state, the Video signal does not function but other signals continue to operate.)

- 6) For communications (The example is for Automatic answering.)
 - 6-1. The telephone set is connected with an exchange through CN7 and CN6 during standby. In this case, DC-48V voltage is applied between 3 and 4 pin of CN 6.
 - 6-2. The calling indicator signal is input to the telephone set from the exchange. The signal also makes the telephone set ring.
 (Calling indicator signal: 16 Hz, 75 V ring tone signal)
 - ⑥-3. DC element is removed from the calling indicator signal by C57, and only the AC signal is applied to PC1.The signal then appears on the RG-line.
 - ⑥-4. The RG signal is connected to DUART pin 2.
 The level is periodically checked by the CPU. If there are variations in the signal level, the CPU counts the number of low levels (the number of rings).
 When this value becomes equal to the number of rings, auto answering is done.
 - ⑥-5. Turn on the OFF-Hook signal and switch relay K2 to the NCU side. (For auto answering, leave relay K1 as is.
 For manual answering, turn on the phone signal and disconnect the telephone set line from the mainframe circuit.)
 - 6)-6. A DC-current loop is then established between the exchange and T1 (1-2).
 - 6-7. The DC element is removed by T1 and the carrier is transferred between 4 and 3. It is then converted by R38 and input to Filter IC38.
 - 6-8. IC38 has two Op Amps. One is for the sending carrier, and one is for the receiving carrier. This IC splits the receiving carrier from the sending carrier, amplifies it, and inputs it to RxIN.
 - ⑥-9. IC 38 also has two filters. The modem chip sets the answer mode for these filters. (The low filter is used for receiving; the high filter is used for sending.)
 The carrier is output from RxOUT via the low filter.
 - **6-10.** The modem chip judges whether the carrier is FSK or PSK. The CPU reads the modem chip status to obtain the result of this judgement.
 - (6)-11. The carrier is then demodulated by the modem, and the serial data is output to DUART.
 - 6-12. DUART converts the serial data from serial to parallel.

 The data is then stored in the system & Video RAM.

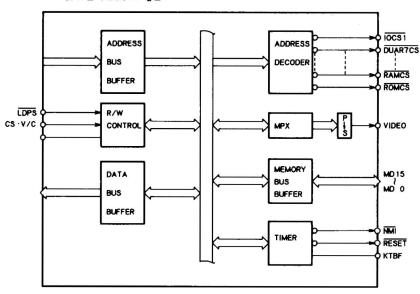
- (2) Gate Array #1
 - ① Function description (Refer to Page 1-6)
 - 2 Block diagram GATE ARRAY #1 CLOCK CPU CLK READ/ 003 LD3 GENERATOR 2.45 M WRITE 3.68 M VPA CONTROL DTACK RESET RD TIMING WR COUNTER MEMORY ROM/RAM ·CS ADDRESS DECODER MAO~15 ADDRESS MEMORY CONTROL RAS/CAS BUS A23 A 1 WEH/WEL BUFFER etc

3 Signal description

Signal name	I/O	Signal description
HSYNC	О	CRT horizontal synchronizing signal. Approx. 24 KHz.
VSYNC	О	CRT vertical synchronizing signal. Approx. 60 Hz
RAM/ROM.CS	О	Signal enable memory decoder of Gate Array #2
MODE	I	This terminal is for manufacture (always low)
CPU CLK	О	CPU Clock 5 MHz (200 ns)
20 M	О	Timing of RAS, CAS etc. Used for the shift clock of video data.
2.45 M	О	Not used
3.68 M	О	Clock for DUART operation
CS. V/C	О	CPU basic memory cycle time is 800 ns. One cycle consists of a CPU read/write cycle and video read/write cycle. CS. V/C: When high, video read/write cycle CS. V/C: When low, CPU read/write cycle
LDPS	О	Signal loads video data and converts it from parallel to serial. Data is output to Gate Array #2, and it is converted from parallel into serial at Gate Array #2.
I/O CS	О	Signal enable I/O decoder of Gate Array #2.

- (2) Gate Array #2
 - (1) Function description (Refer to Page 1-7)
 - ② Block diagram

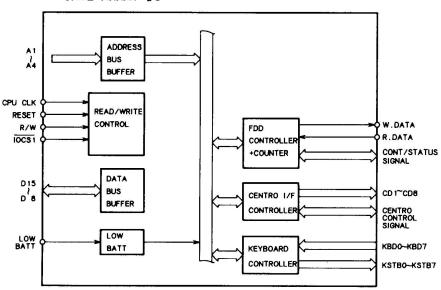
GATE ARRAY #2



Signal name	I/O	Signal description
MNI	O	Signal resets the system when CPU is abnormal. Gate Array #2 has a watch dog timer. It starts count after gate array initialization. When count end is indicated, the signal goes $\overline{NMI} = Low$. CPU clears the timer at intervals of 840ms to keep $\overline{NMI} = High$.
RESIN	I	After the signal from the RESET circuit is input, the RESET
RESET	О	Signal is output with a 0.7ms delay.
KTOBF	О	One of the timers produces the keystrobe interval time (6.5 ms). When the counter indicates count end, KOTOBF = High is output to DUART. This signal is used as a key interrupt signal to CPU through DUART.
OFF HOOK PHONE	0	 The OFF HOOK and PHONE signal is used as shown below When the mainframe is set to automatic reception, Ring is detected. OFF HOOK=High is set, K2 relay is set on, and the telephone circuit is connected with the mainframe. Next, PHONE=High is set, K1 relay is set on and the telephone set is separated from the telephone circuit. When auto dialing with a dial-phone, the dial pulse is generated by switching the OFF HOOK signal on and off.

- (4) Gate Array #3
 - (1) Function description (Refer to Page 1-7)
 - 2 Block diagram

GATE ARRAY #3



Signal name	I/O	Signal description
PE	I	When there is no paper in the printer, the signal goes High.
IPP	0	Signal initializes the printer. This signal synchronizes the mainframe with the printer initialization.
ERR	I	The signal goes Low when there is an error in the printer.
DSTB	О	Centro data strobe signal
LEDE	О	Signal switching for LED when a lock key is pressed.
C.C	О	After initialization, C.C = level is set to check whether the test switch is On. A self diagnosis test is executed when the test switch is On.
DSO	О	Drive select signal

2. CRT/Power Supply Unit (MATSUSHITA)

(1) Power Supply Specifications

Item	Voltage	Use
VCC	+5 V ±4%	CPU PCB, KEYBOARD
+12 V	$+12 \text{ V} \pm 3\%$	CRT
-12 V	$-12 \text{ V} \stackrel{+1}{_{-3}\text{V}}$	CPU PCB (RS-Driver)

(2) Circuit Description (Power Circuit)

The power circuit consists of four blocks which are described below (Refer to circuit diagram).

(1) EMI filter & rectifier

This block rectifies the AC voltage and passes it through a filter to generate DC voltage. The functions of the main element are shown below.

- 1) R1 limits inrush current to C6, C7, C5, and C24 when the power is switched on.
- 2) When the input voltage changeover terminal is set to 115V, the input voltage is divided by C6 and C7. They also work to remove ripple.

2 Main chopper

This block consists of transistors Q2, Q3 and transformer T2.

When transistor Q2 (main chopper) is set on, energy is stored in transformer T2. When Q2 is set to off, the energy is converted into the secondary voltage. Thus, the primary voltage is converted into the secondary voltage while repeatedly turning Q2 on and off. The functions of main elements are shown below.

- C8, R4 and D1 drive the base voltage of Q2.
 R2 is the starting resistor for switching on Q2.
- 2) D3 (Catch-diode) holds the fly-back voltage during Q2 off.
- 3) L3 and R6 improve the trun-off speed.

(3) DC output

This block rectifies the high-frequency wave and smoothes it with a filter to generate DC voltage. The functions of main elements are shown below.

- 1) D8 and D7 are diodes used for +5 V rectification. D6 is for +12 V rectification and D9 is for -12 V rectification.
- 2) The pi (π) form filters C16, C17, C20, L6 remove the 5 V line ripple.
- 3) The pi (π) form filters C15, L5, C801 remove the +12 V line ripple.
- 4) The pi (π) form filters C18, C17, C19 remove the -12 V line ripple.
- 5) The overvoltage protective circuit (SCR1, Z1, R27) switches off Q2 and switches on SCR1 when the 5 V line voltage exceeds the voltage in Z1.

(4) Voltage regulation & current limiter

This block monitors the output current with IC1. When the current exceeds the specified value, the block switches transistor Q3 on and Q1 off. This operation regulates the voltage and also controls the output current. The main functions are shown below.

- 1) D5, R15, C12, D11 and R14 are the Q3 current limiting circuits.
- 2) IC1 compares the 2.5 V reference voltage with the output voltage. If the output voltage exceeds the specification, Q3 is switched on.
- 3) L4 and R16 produce a saw tooth waveform in the Q3 editor when Q3 is switched on. It switches off Q1 and T3.

(3) Circuit Description (CRT)

The CRT circuit consists of six blocks which are described below (Refer to circuit diagram).

- (1) Video circuit
 - Video input is inverted and amplified by the linear amplifier Q351 to drive CRT cathode
 2.
 - L352, C351 and R352 are inserted in collector emitter of Q351 to compensate high pass and have a flat frequency characteristic
- (2) CRT circuit
 - This emitted electrons driven by the cathode are controlled by G1, and accelerated by G2. They strikes against the CRT fluorescent material by supplying focusing voltage to G4, resulting in picture brightness regeneration.
- (3) Bright ADJ circuit
 - The brightness is controlled by adjusting the CRT G1 voltage obtained by changing R531 and R530 connected between the positive and negative voltages obtained from the FBT.
 - Burning of the fluorescent surface of the CRT by the residual spot phenomenon when the power switch is turned off is prevented by the charging and discharging circuit made up of C519, R524, R518 and D510 connected in series with the G1 circuit as a spot killer.
- (4) Vertical deflection circuit
 - The vertical oscillator is turned on and off by the charging and discharging circuit made up of C403, R405 and R416 and has a 56 Hz vertical oscillation frequency synchronized to V.SYNC.
 - The amplitude of the sawtooth waveform generated at pin 8 is adjusted with R418.
 - Vertical scanning is performed by passing the sawtooth waveform current taken from the output circuit through deflection coil DY(V).
 - The vertical linearity is corrected by changing the feedback waveform with R417.
- (5) Horizontal output circuit
 - The horizontal oscillator is oscillated by the charging and discharging circuit made up of C506, C523, R508 and R528 and 24 KHz obtained by controlling the horizontal oscillation frequency automatically by AFC circuit.
 - The IC predrive circuit switches Q503 and drives the horizontal deflection and high voltage generation circuits.
 - The deflection circuit is connected in series yoke DY(H).
 Linearity is adjusted with L502 and linear horizontal deflection is performed by L503 and C521.
 - The voltage needed at the CRT is obtained by boosting (T501) and rectifying the flyback pulse by Q503 switching operation.
- 6 Dynamic focus circuit
 - The approximate anode = 13 kV, G2 = 500 V, video = 50 V, and brightness circuit positive and negative voltages are obtained from the voltage taken from T501.
 - The G4 voltage is varied with R529 and a static focus voltage is obtained.

3. CRT/Power Supply Unit (GOLD STAR)

(1) Ratings (Power Supply)

1) Input

ITEMS (RATED VOLTAGE)	220/240 V	100V	120V
INPUT VOLTAGE	AC 230V +/-15%	AC 100V +32%/-10%	AC 120V +/-15%
FREQUENCY PROTECT	47 ~ 53 Hz	47 ~ 53 Hz, 57 ~ 63 Hz	57 ~ 63 Hz

2) Output

ITEMS	-12V	+5.1V	+12V
VOLTAGE REGULATION	-12V + 2V / -1V	+/-3%	+/-3%
RIPPLE		50m Vp-p MAX	50m Vp-p MAX
OVER VOLTAGE		0 ~ 7V dc	

^{*} The output voltage is obtained by the Normal Load State.

(2) Circuit Description (Power Supply)

1) Input filter circuit

The AC input is filtered by C901, C904, L901 and is rectified by Bridge Rectifier (D901) and C905. The F901 is protected from overcurrent in the primary circuit.

The C902, C903 is for restriction of leakage current and noise.

2) Driving circuit

The SNUBBER CIRCUIT consists of R903, C907, D902, C925 and is prevented from overshooting which is occurred between Ton and Toff of Q1 in the IC901.

The Sensing Voltage is induced from the formular (N12=Nsen=6/12*Ns+12) and is rectified in reverse, filtered by C906.

Therefore, at pin 1 in the IC901, the sensing voltage is occurred to -6V and the Driving voltage is generated through Nb=N 1, 2, is flowed through R906, C911 \rightarrow C912 \rightarrow R905, C906, to the pin 2 of IC901.

The C910, R904 is for preventing ringing and having soft start.

The C909, C911 is for rising the speed of Driving Current.

If the polarity of N12 is charged, the route of discharge is flowed through Transformer 2 \rightarrow D904 \rightarrow C912 \rightarrow D903 \rightarrow Transformer 1.

The D905 is for restricting the Driving Voltage.

3) Output circuit

When transistor Q1 in the IC901 is OFF, the stored energy in the primary winding is delivered to the secondary circuit through the secondary winding.

The Output Voltage (+12V, +5V, -12V) is rectified by D907, D909, D912 and filtered by C913, C914, C916, C917, C923.

Therefore, by the regulator (IC902, IC903, IC905), the constant voltage is obtained.

4) Over voltage protection circuit (+5V)

The +5V is obtained by regulator (IC903) and then if OVER VOLTAGE is generated in the +5V line, by Bleeder resistor (R911, R912) and D911, the base of Q902 is biased. Therefore, the current is flowed through Diode in IC904 and Q902 is ON.

The gate voltage is generated and the rectified voltage is flowed from pin 5 to pin 6 and O901 is ON.

Therefore the base current of Q1 in the IC901 is decreased and the collector current is decreased.

(3) Circuit Description (CRT)

1) Video amplifier

Video amplification is provided by transistors Q301 and Q302. Transistor Q301 and Q302 are connected in a cascade configuration; Q301 operates as an common emitter and Q302 operates in the common base configuration.

This minimizes the Miller effect input capacitance and the defining breakdown parameter for Q302 becomes BvCBO as opposed to BvCEO for the common emitter configuration. This enables selection of a higher speed/lower breakdown transistor to be used in the video amplifier.

The video amplifier is normally off. That is, in the absence of a video input signal or with a signal level of less than 0.6V.

Then the CRT cathode voltage will be at +55V when the input signal exceeds 0.6V.

The amplifier can be adjusted by rotating subcontrast variable resistor VR 301.

Then the amplifier begins operation in the linear region and the CRT cathode voltage starts to decrease with a normal voltage gain of 35 V.

2) Vertical deflection

The vertical electronics circuit consists of an IC701 (TDA 1170N) and the vertical deflection coil of the DY. (and associated circuitry)

The IC701 (TDA 1170N) incorporates all the functions for providing the yoke of the MONITOR with the current required for vertical deflection.

The preamplifier is a high input impedance differential type, with invented input available at PIN 10.

The non-inverting input is fixed internally in the circuit at a stabilized voltage of approximately 2.2 V.

During flyback, the flyback generator produces a voltage equal to approximately double the supply voltage and this is applied at the Yoke by means of the power amplifier.

The oscillator is a threshold type with a high degree of frequency stability.

It is a synchronized with a circuit which receives either positive or negative sync. pulses and ensures complete immunity from noise throughout most of the scanning time.

The time constant circuit that determines the vertical oscillation frequency consists of C602, R607 and VR601 connected at the PIN 9 of IC601.

The vertical size control function is performed by VR603 and R609 causing the negative feedback to change.

3) Horizontal deflection

The IC701 performs the horizontal synchronization (Oscillator) and Horizontal Drive.

The AFC circuit consists of the phase detection circuit of the IC701 and the associated component that connected to PIN 3 and PIN 4 of IC701.

The oscillation limit circuit is necessary to prevent the pulse from excessive high voltage. This circuit is located in the IC701 and controls the oscillator to maintain the control signal in its correct frequency and in phase with the horizontal sync signal.

The oscillation frequency consists of C710 connected with the PIN 11 of IC701 and R714, VR702 connected with the PIN 12 of IC701.

Horizontal Drive pulse out of the IC709, PIN 8 are through T701 (Horizontal Drive Trans) to the base of Horizontal output Q703.

Transistor Q708 is based on when the beam is at about midscreen.

The charge stored on C724 causes current to flow through the Horizontal Yoke winding and Q703 to ground.

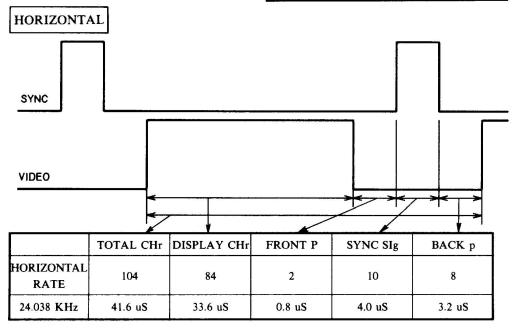
When the beam reaches the right side of the screen, Q703 is truned off, and the current in the Yoke is directed in C714.

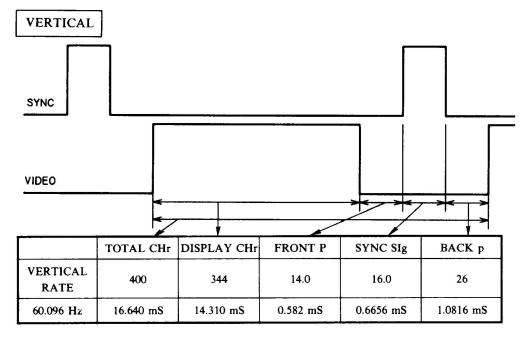
At the same time, the current flows into C714 from the regulated B+ via to FBT primary winding.

Due to resonance, the current then reverses and flows back through the horizontal yoke winding into C724.

4) Timing Chart

CHARACTER	7*9 DOTS
CHARACTER BLOCK	8*14 DOTS
CHARACTER CLOCK	2.5 MHz
DOT CLOCK	20 MHz





CHAPTER 3

REPAIR

		Page	1	100000			Page
3-1.	μFDD Unit	3-1	3-4.	CPU PCB Un	it		3-35
3-2.	CRT/Power Supply Unit		3-5.	Keyboard Uni	t	.,,,,,,,,,,,	3-44
	(MATSUSHITA)	3-17					
3-3.	CRT/Power Supply Unit						
* 10.7	(GOLD STAR)	3-25					
				0 0 00 BIOTI 007 I	~ ~~~ ~~	-C	A 400 :

3. REPAIR

3-1. μ FDD Unit

1. Disassembly Reassembly

(1) Flowchart

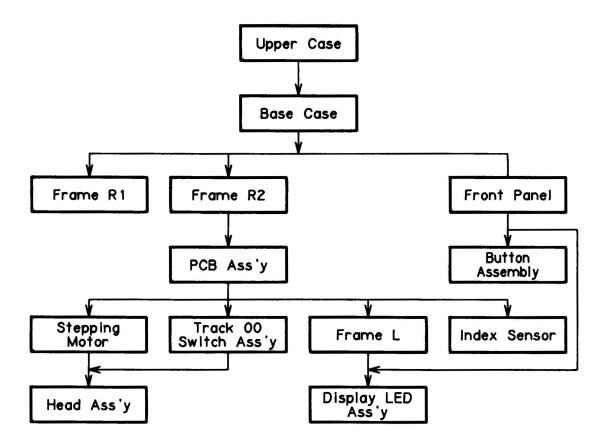


Fig.3-1

3-1. $\mu \text{FDD Unit}$

(2) Disassembly reassembly

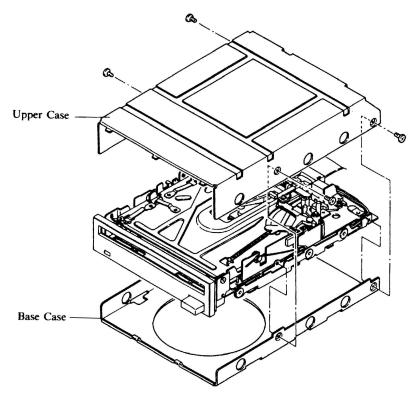


Fig.3-2

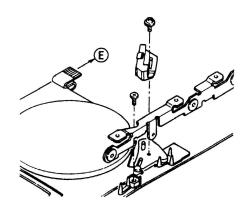


Fig.3-3

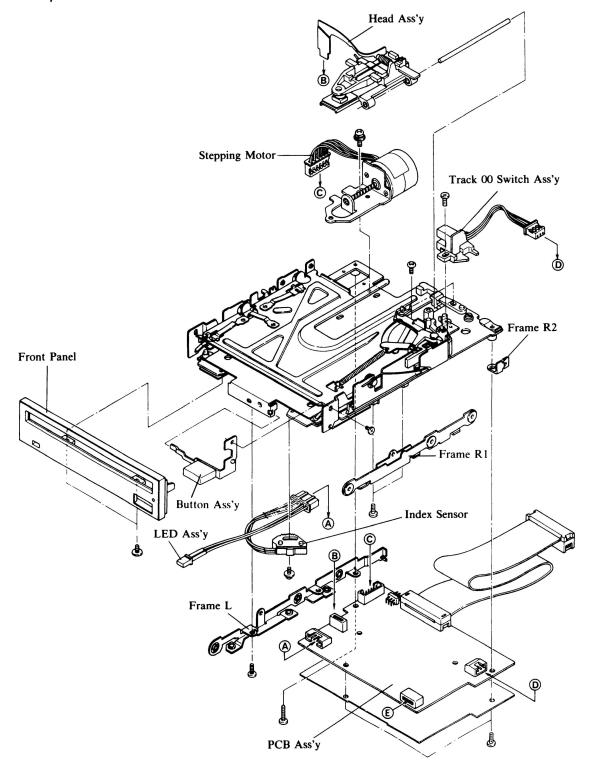


Fig.3-4

3-3

2. Electrical Adjustment

(1) Preparation

- The check terminals are shown in Fig. 3-5.
- 2) We recommend to use an adapter as shown in Fig. 3-6, when making connections between measuring equipment and check terminals.
- 3) When making connections, ensure that the system is turned off before connecting any probes and turned on only after all connections are completed.
- 4) Confirm that any conductive materials are not sticked to the drive and then turn the system switch on.

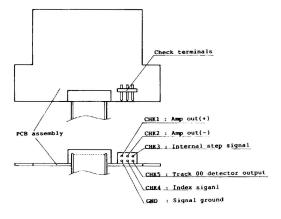


Fig. 3-5

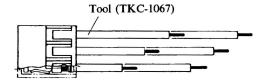


Fig. 3-6

(2) Index burst position adjustment

Adjustment purpose

This adjustment is made when the Index Sensor, etc. has been replaced.

The sensor position is adjusted so that sector 1 is assigned from the correct position after index signal detection.

Adjustment procedure

- 1) Connect the Drive to the System.
- 2) The Probes of the Oscilloscope are connected as shown in Fig. 3-8 and the signal conditions are set up as shown in Fig. 3-7. The External Trigger must be: NORM-,NEG.
- 3) Set the Alignment Disk in the Drive, and start FDD Adjustment. (See Chapter 4, Check Operation.)
- 4) Loosen the Mounting Screw on the Index Sensor and adjust its position so that the time between the sweep starting point and the burst starting point (indicated by "T" in Fig. 3-9) is within the adjusted range: $400 \pm 400 \mu sec$.
- 5) While taking care not to alter the precise adjustment, tighten the Mounting Screw on the Index Sensor.

Tools Oscilloscope Alignment Disk (TKC-0470) Driver, Phillips type (+) (CK-0129)

SWITCH	CH1	CH2	
AC-GND-DC	AC	AC	
VERT	ADD		
INVERT	_	ON	
VOLT/DIV	0.1 V	0.1 V	
TIME/DIV	0.1 msec.		
CONNECTION TERMINAL	CHK1	СНК2	

Fig. 3-7

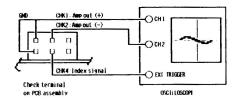


Fig. 3-8

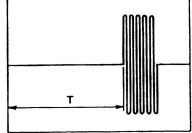


Fig. 3-9

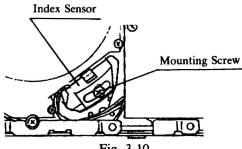


Fig. 3-10

(3) Track position adjustment

Adjustment purpose

After the Stepping Motor, etc. has been replaced, the motor position is adjusted so that the Head is accurately stepped to the objective track.

Adjustment procedure

- 1) Connect the Drive to the System.
- 2) The Probes (1 : 1) of the Oscilloscope are connected as shown in Fig. 3-12 and the signal conditions are set up as shown in Fig. 3-11.

The External Trigger must be: NORM, NEG.

- Set the Alignment Disk in the Drive, and start FDD Adjustment. (See Chapter 4, Check Operation.)
- 4) Loosen the Mounting Screw on the Stepping Motor.
- 5) In Index Burst Position, turn the Eccentric Dowel for Adjustment so that the burst ratio of the wave forms (cats eye pattern) are within 85% to 100% of the burst ratio value obtained from burst ratio formula.

$$Burst\ ratio = \frac{Smaller\ reproduced\ voltage}{Larger\ reproduced\ voltage} \times 100$$

6) While taking care not to alter the precise head position setting, tighten the Mounting Screws on the Stepping Motor.

Confirmation

In step in and step out, check that the burst ratio is within 75% to 100% for both sides as to both case. If the burst ratio is outside of range, re-adjust.

Tools
Oscilloscope
Alignment Disk (TKC-0470)
Driver, Phillips type (-) (CK-0120)
Driver, Phillips type (+) (CK-0103)

SWITCH	CH1	CH2
AC-GND-DC	AC	AC
VERT	ADD	
INVERT	_	ON
VOLT/DIV	0.1 V	0.1 V
TIME/DIV	20 msec.	
CONNECTION TERMINAL	CHK1	СНК2

Fig. 3-11

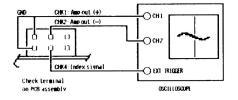


Fig. 3-12

Mounting Screw

Eccentric Dowel

Fig. 3-13
Smaller Reproduced Output

Larger Reproduced Output Fig. 3-14

(4) Track 00 position adjustment

Adjustment purpose

After the track 00 switch assembly, etc. has been replaced, its position is adjusted so that the head is accurately set to track 00.

Adjustment procedure

- 1) Connect the Drive to the System.
- 2) The Probes of the Oscilloscope are connected as shown in Fig. 3-16 and the signal conditions are set up as shown in Fig. 3-15. The External Trigger must be; INT, CH2, NEG.
- 3) Set the Normal Disk in the Drive, and start FDD Adjustment.
- 4) Select the Track 00 and move the head in alternate steps between track 00 and track
- 5) Loosen the Mounting Screw on the track 00 switch assembly and adjust its position by turning the Eccentric Dowel so that the positive-going edge of waveforms displayed on the Oscilloscope will be within the range in Fig. 3-18. The starting point of the positive going edge (0.4V - 2.4V) shall be within the time range: 3.0 msec from the track 01 pulse.
- 6) While taking care not to alter the precise adjustment, tighten the Mounting Screw on the track 00 switch assembly.

Tools Oscilloscope Normal Disk Driver, Phillips type (+) (CK-0103) Driver, Phillips type (-) (CK-0120)

SWITCH	CH1	CH2	
AC-GND-DC	DC	DC	
VERT	ADD		
INVERT	_	_	
VOLT/DIV	2V	2V	
TIME/DIV	10 msec.		
CONNECTION TERMINAL	СНКЗ	СНК5	

Fig. 3-15

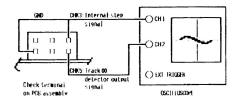


Fig. 3-16

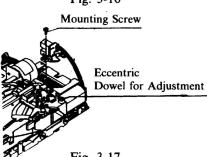


Fig. 3-17

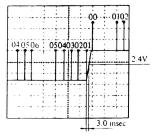


Fig. 3-18

(5) Modulation

Adjustment purpose

After disassembly, reassembly, or adjustment, the reproduce output amplitude is checked as the final check

Confirmation procedure

- 1) Connect the Drive to the System.
- The Probes of the Oscilloscope are connected as shown in Fig. 3-20 and the signal conditions are set up as shown in Fig. 3-19.
 The External Trigger must be: NORM, NEG.
- Set the Normal Disk in the Drive, and select the track 00 and the track 79 modulation, and observe the waveform.
- 4) Set the Normal Disk in the Drive B.
- Confirm that the calculated values (ratios) using the following formula will be less than 10%.

$$Formula = \frac{A - B}{A + B} \times 100$$

A: Maximum value of output voltage

B: Minimum value of output voltage

Tools Normal Disk Oscilloscope

		- Marine and a second						
SWITCH	CH1	CH2						
AC-GND-DC	AC	AC						
VERT	AI	OD .						
INVERT	_	ON						
VOLT/DIV	0.2 V	0.2V						
TIME/DIV	V 20 msec.							
CONNECTION TERMINAL	CHK1	CHK2						

Fig. 3-19

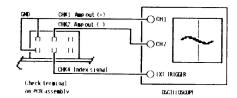


Fig. 3-20

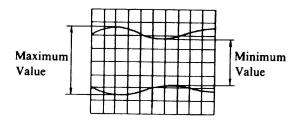
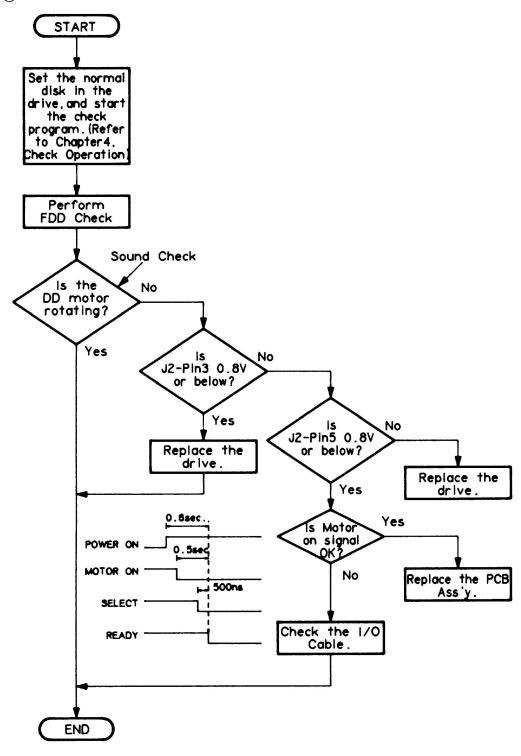
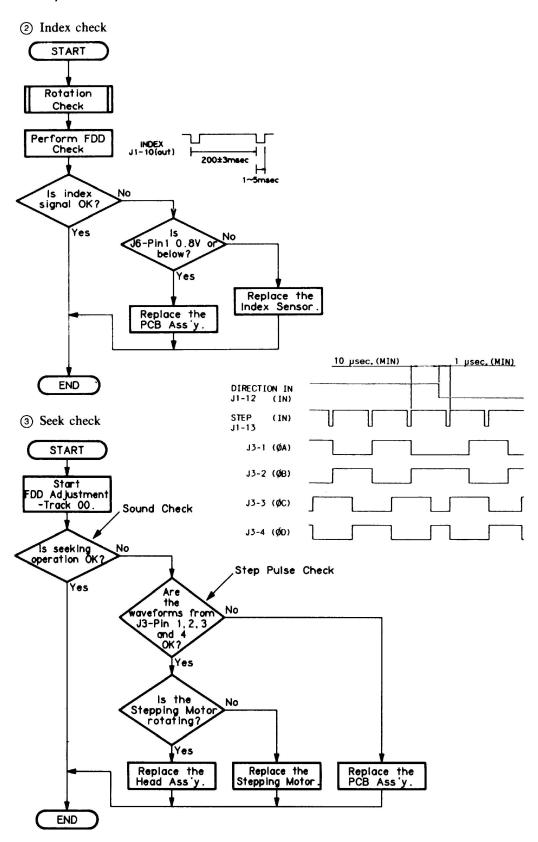


Fig. 3-21

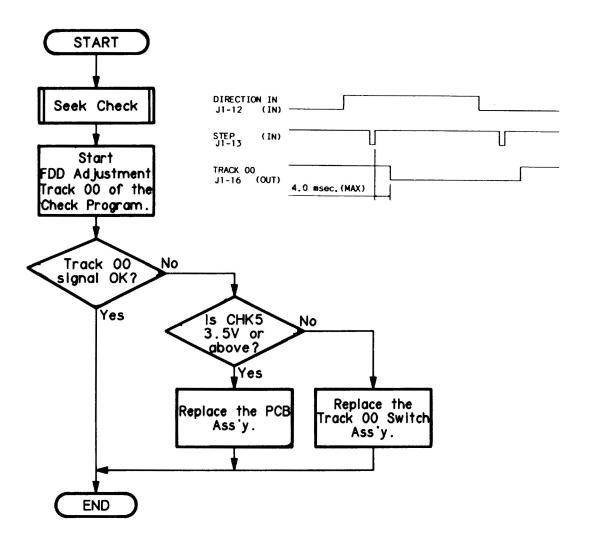
3. Circuit Diagram

- (1) Defective block identification
- 1 Rotation check

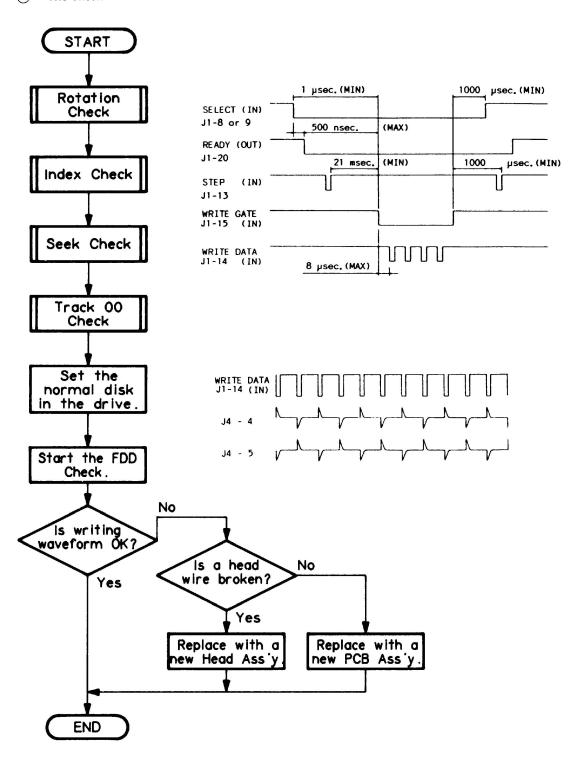




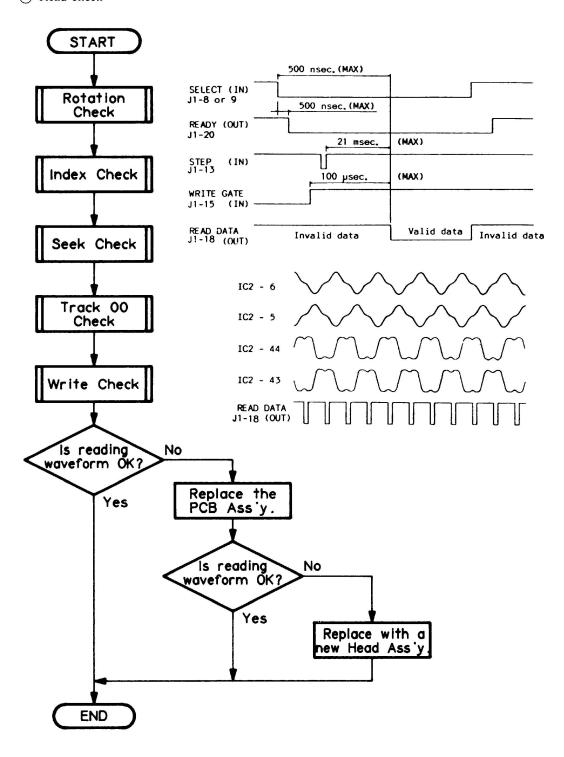
4 Track 00 check



(5) Write check



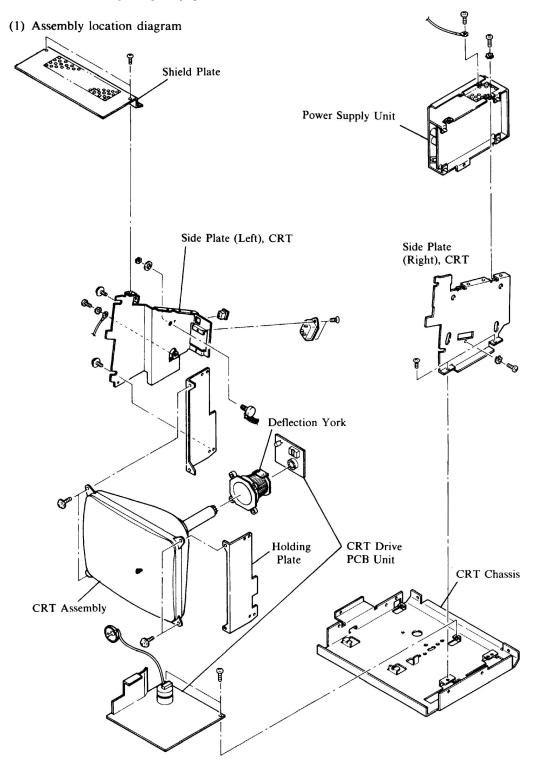
6 Read check



3-1. µFDD Unit

1. Disassembly · Reassembly

Warning: Before disassembly, discharge the High Voltage throughly with the procedures of (2) Before repairing on page 3-18.



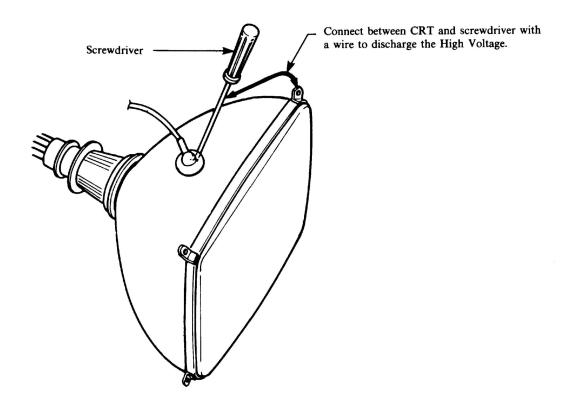
Caution for servicing is indicated below.

Before removing the CRT, discharge the High Voltage throughly with the following procedures Step 1 to 3.

Warning: Great care must be taken because the High Voltage will be charged for approximately 30 hours or more after power is turned off. Discharge the High Voltage before assembling each of the units or servicing.

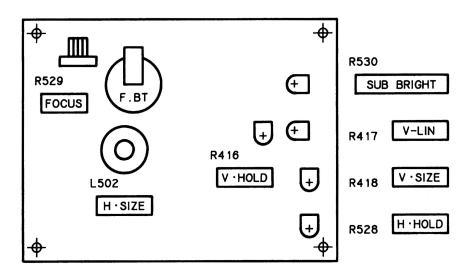
Procedures

- Step 1. Remove the CRT Socket P.C.Board from the CRT.
- Step 2. Discharge the High Voltage which has been charged in the CRT.
- Step 3. Remove Anode Cap.



Discharge of High Voltage

2. Electrical Adjustment



ADJUSTMENT ITEM	ADJUSTMENT POINT	TOOL	CHECK PROGRAM
(1) Horizontal synchronization	R528	Driver	H Pattern
(2) Vertical synchronization	R416	Driver	H Pattern
(3) Vertical amplitude	R418	Driver	H Pattern
(4) Vertical linearity	R417	Driver	H Pattern
(5) Horizontal amplitude	L502	Ferrite Core Driver	H Pattern
(6) Sub bright	R530	Driver	H Pattern
(7) Focus	R529	Driver	H Pattern
(8) Centering	Deflection coil centering magnet		H Pattern
(9) Deflection distortion	4-pole correction magnet	Plastic Square Driver	H Pattern

Note: Turn on the power and wait for the circuits to stabilize (30 minutes or more) before making any adjustments.

(1) Horizontal synchronization

(Adjustment purpose)

Adjustment of the character area to the center of the raster.

(Adjustment procedure)

- 1) Turn R528 clockwise and find the point at which the screen is distorted to the right.
- 2) Turn R528 counterclockwise and find the point at which the screen is distorted to the left.
- 3) Set synchronization to the center of the left and right distortion of the screen.

Note: The screen may not be distorted when R528 is turned clockwise or counterclockwise. In this case, assume that the MAX position of the VR is the point at which the screen is distorted.

(2) Vertical adjustment

The adjustment purpose and procedure are the same as horizontal adjustment. The adjustment VR is R416.

(3) Vertical amplitude

(Adjustment purpose)

Adjustment of the vertical display length to 115 mm.

(Adjustment procedure)

1) Turn R418 clockwise or counterclockwise and adjust the vertical display length to 115 mm. Note: Vertical display length: 115 mm \pm 2 mm.

(4) Vertical linearity

(Adjustment purpose)

Adjustment so that the height of the character H is the same at the top row and bottom row.

(Adjustment procedure)

1) Turn R417 clockwise and counterclockwise and adjust so that the length of the top and bottom characters is the same.

(5) Horizontal amplitude

(Adjustment purpose)

Adjustment of the horizontal display length to 170 mm.

(Adjustment procedure)

 Turn L502 clockwise and counterclockwise and adjust the horizontal display length to 170 mm.

Note: Horizontal display length: 170 mm ± 2 mm.

(6) Brightness

(Adjustment purpose)

Adjustment to the point at which the back raster disappears at the BRIGHT VR MAX position.

(Adjustment procedure)

- 1) Set the BRIGHT VR (R531) to MAX.
- 2) Turn SUB BRIGHT R530 clockwise and counterclockwise and adjust it to the point at which the back raster disappears.

(7) Focus

(Adjustment purpose)

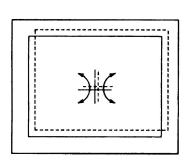
Adjustment to the position at which the entire screen is focused uniformly.

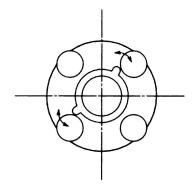
(Adjustment procedure)

1) Turn R529 clockwise and counterclockwise and adjust it to the position at which the center of the screen is focused uniformly.

(8) Centering

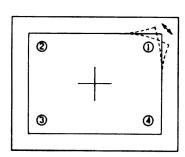
Adjust the deflection coil centering magnet so that the display area is at the center of the CRT.

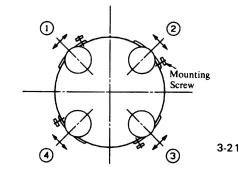




(9) Deflection distortion

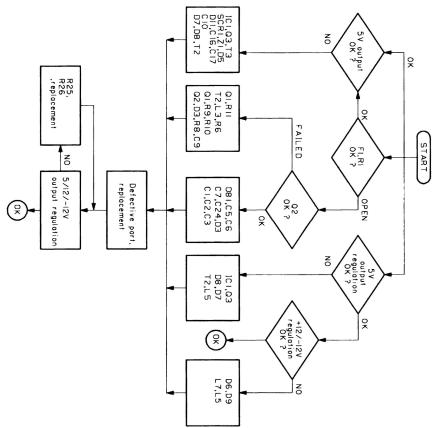
Correct the distortion by loosening the 4-pole correction magnet mounting screws and moving the magnet.





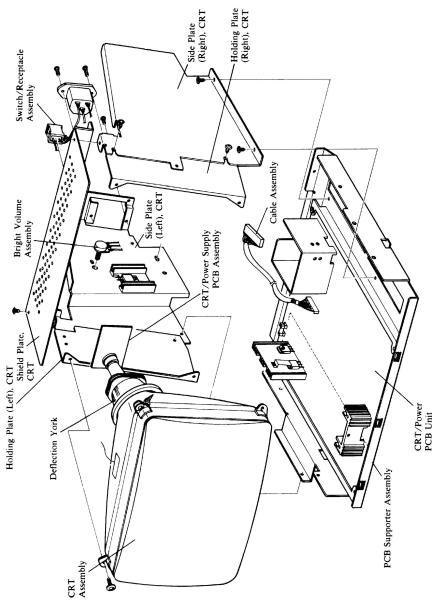
"D 1' D 000 0 04 BIOTH 40E I/B 0000 00 0E 1 ' E001 - E00 - ' 0001 - E4

3-2. CRT/Power Supply Unit (MATSUSHITA) Repairing Flowchart



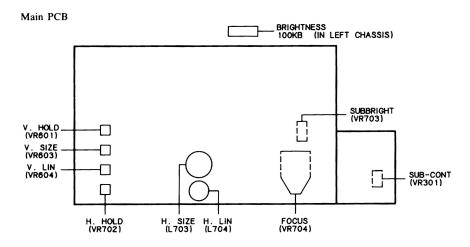
1. Disassembly · Reassembly

Warning: Before disassembly and discharge the High Voltage throughly with the procedures on page 3-18.



3-25

2. Electrical Adjustment



ITEM	ADJUSTMENT POINT	TOOL	CHECK PROGRAM
(1) Horizontal synchronization	VR 702	Adjustment Tool Kit	H Pattern
(2) Vertical synchronization	VR 601	Adjustment Tool Kit	H Pattern
(3) Vertical size	VR 603	Adjustment Tool Kit	H Pattern
(4) Vertical linearity	VR 604	Adjustment Tool Kit	H Pattern
(5) Horizontal size	L 703	Adjustment Tool Kit	H Pattern
(6) Horizontal linearity	L 704	Adjustment Tool Kit	H Pattern
(7) Brightness	100 KB (AT P703)	Adjustment Tool Kit	H Pattern
(8) Focus	VR 704	Adjustment Tool Kit	H Pattern
(9) Contrast	VR 301	Adjustment Tool Kit	H Pattern
(10) Sub-bright	VR 703	Adjustment Tool Kit	H Pattern
(11) Centering		Adjustment Tool Kit	H Pattern
(12) Deflection distortion		Adjustment Tool Kit	H Pattern

Note: Turn on the power and wait for the circuits to stabilize (15 minutes or more) before making any adjustments.

Supplementaly description

For items (1) to (6), refer to page 3-20.

(7) Brightness

(Adjustment purpose)

Adjustment to the point at which the back raster disappear at the BRIGHT VR MAX position.

(Adjustment procedure)

- 1) Set the BRIGHT 100KB (At P703) to max.
- 2) Turn SUB BRIGHT VR703 clockwise and counterclockwise and adjust it to the point at which the back raster disappears.

(8) FOCUS

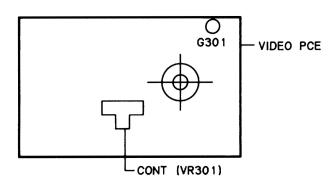
(Adjustment purpose)

Adjustment to the position at which the entire screen is focused uniformly.

(Adjustment procedure)

Turn VR704 clockwise and counterclockwise and adjust it to the position at which the center of the screen is focused uniformly.

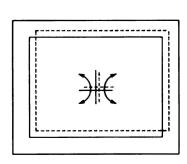
(9) Contrast

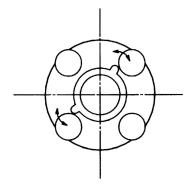


Adjustment point	Method of Adjustment
CONT (VR301)	Adjust to the contrast at which the characters are easy to see.

(11) Centering

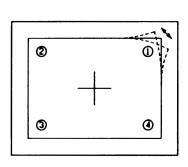
Adjust the deflection coil centering magnet so that the display area is at the center of the CRT.

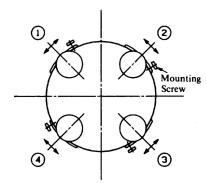




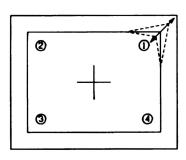
(12) Deflection distortion

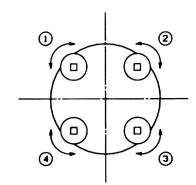
① Correct the distortion by loosening the 4-pole correction magnet mounting screws and moving the magnet.





② Correct the distortion by turning the 4-pole correction magnet.

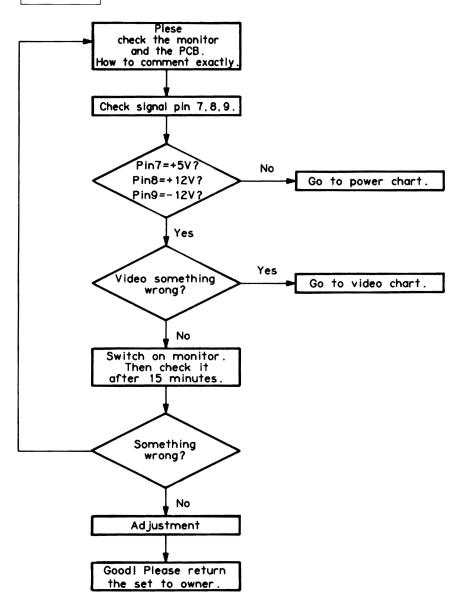




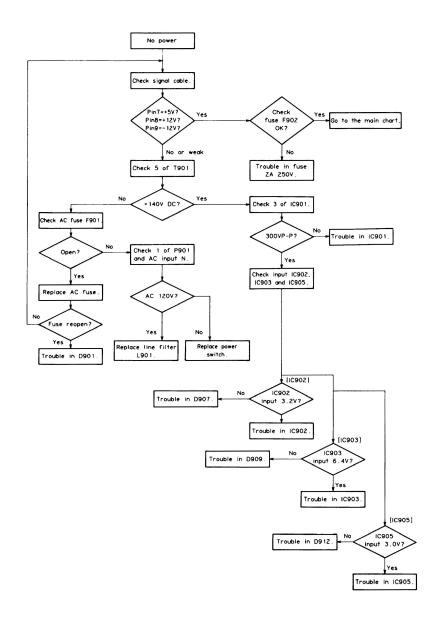
3-28

1) Trouble shooting chart

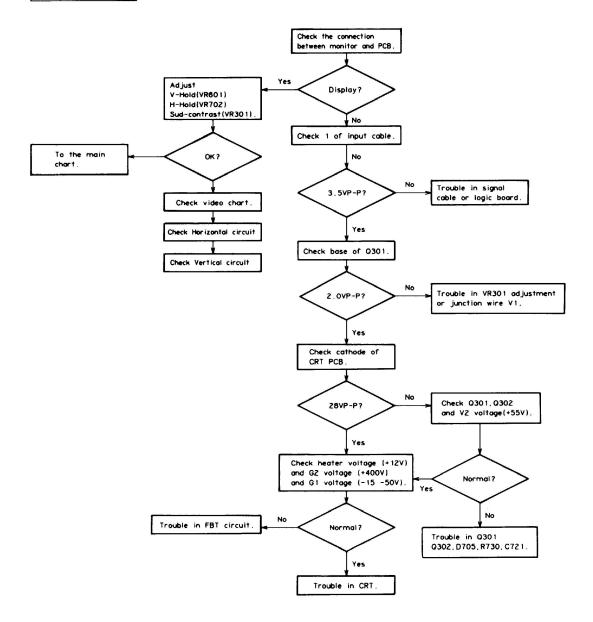
MAIN CHART

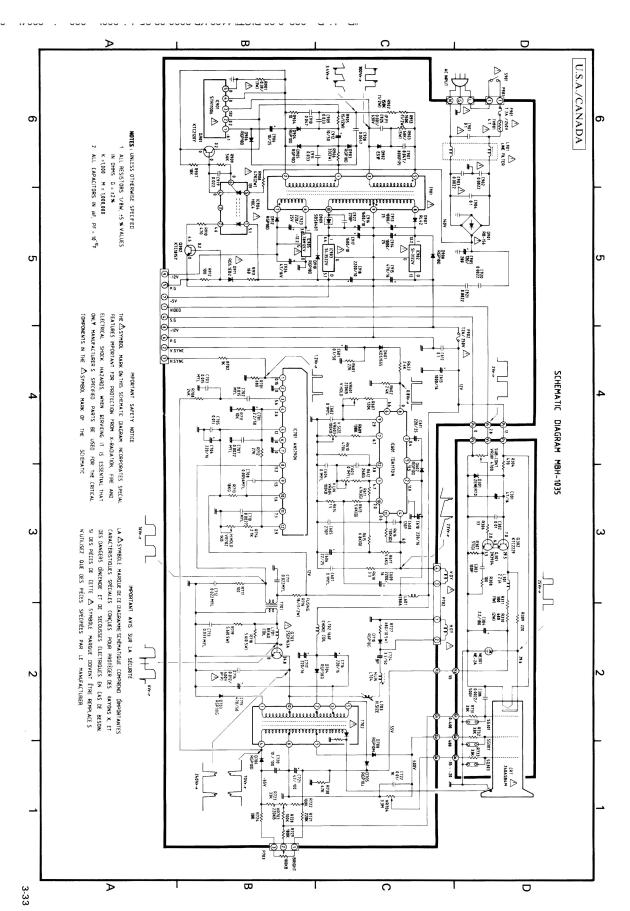


POWER CHART



VIDEO CHART



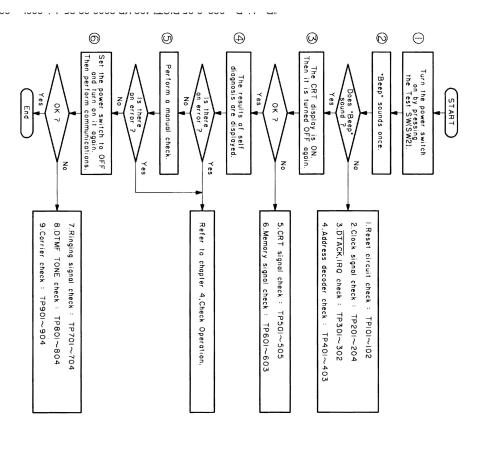


3-4. CPU PCB Unit

1. Circuit Diagram

To repair the CPU PCB unit, set it in a normal device. (Before setting the CPU PCB unit, confirm that the CPU PCB unit is not strapped.)

Then, check it according to the following flowchart.



- ① Use self diagnosis to perform the defective block identification.
- ② After setting the power switch to ON, perform the sum check for the system ROM. As a result, "Beep" sounds once (approx. 450 ms) for OK.
 If "Beap" Also not consider the power control the president should be properly to the president should be presented to the presented to th
- If "Beep" does not sound, the ROM sum error or the previous circuit is faulty.
- ② Because the Gate Array #1 operations are checked visually, the CRT display is turned on and off. If the CRT display is ON, Gate Arrays #1 and 2 and Video RAM are normal. If the display is faulty, the CRT synchronous signal and Gate Arrays #1 and 2 etc. are faulty.
 ③ Take the appropriate countermeasure according to the results of self diagnosis.
- (4) Take the appropriate countermeasure according to the results of self diagnosis.
- Same as the above
- (6) If the internal modern is used to generate faulty communications, check circuits 7 to 9. The main purposes of each element are shown below.
- RAV (arrester & varistor): lightning protection element
- ZD2 & ZD3: Prevents ring-detection malfunctions (Removes noise of less than 15 V).
- VZ2: lightning protection element
- If voltage exceeding 350 V is applied between CN6 3 and 4, close the circuit
- SVR1: Controls the carrier to prevent the level from exceeding the standard level when sending the carrier from the internal modem to the telephone line.
- VR1: Adjusts the DT MF sending level.
- VR2: Adjusts the carrier level. { Not used

R/W

Gate Array #1

GNE	32	33	MA7	0	-	GND	32	
VIDE	31	34	MA3	0	_	Αl	31	
20 M	30	35	MA4	0	I	A2	30	
A16	29	36	MA2	0	-	A3	29	
A17	28	37	MAS	0	I	A11	28	
A18	27	38	MAI	0	I	Α4	27	
D3	26	39	MA6	0	Ι	A17	26	
D2	25	40	MAO	0	-	A5	25	
D4	24	4	RAS	0	П	A12	24	
D1	23	42	TEST	-	П	A16	23	
D5	22	43	GND		I	A10	22	
D ₀	21	4	WEL	0	_	Α7	21	
D6	20	45	MODE	_	_	Α9	20	
D7	19	46	WEH	0	-	Α8	19	
DII	18	47	A21	Н	ч	A14	18	
D10	17	48	CAS0	0	_	A13	17	
GNL	16	49	CAS1	0	_	A15	16	
D12	15	50	CAS2	0	_	A16	15	
D9	14	51	CAS3	0	-	A18	14	
D13	13	52	A23	Н	0	DTACK	13	
D8	12	53	WR	0	0	$\overline{\text{VPA}}$	12	
D14	Ξ	54	A22	_		GND	Ξ	
D15	10	55	RD	0	0	2.45M	10	
ROMC	9	56	LDPS	0	0	CPUCK	9	
ROMC	∞	57	IOCS	0	0	χo	∞	
SVCS	7	58	RESET	_	_	XI	7	
SVCS	6	59	RAM. ROM. CS	0	0	3.68M	6	
RAM	S	60	$CS.V/\overline{C}$	0	0	20 M	2	
PHON	4	61	VSYNC	0	1	VDD	4	
OFF HC	w	62	HSYNC	0	0	AS	w	
КТОВ	2	63	R/W	0	0	LDS	2	
SMC	-	2	VDD	0	0		-	
Termir	Z 0.	Z ₀ .	Terminal	0/1	1/0 1/0	Terminal	Z o.	

																										9,1						
	ړ 4	35	36	37	38	39	40	41	42	43	4	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	8	61	62	63	2	No.
	١,٢	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	∞	7	6	5	4	u	2	1	No.
	VIDEO	20 M	A16	A17	A18	D3	D2	D4	D1	D5	D ₀	D6	D7	DII	D 10	GND	D12	D9	D13	D8	D14	D15	ROM CSO	ROM CS1	SVCS 0	SVCS 1	RAM CS	PHONE	OFF HOOK	KTOBF	SMCS	Terminal
(0	_	_	_	-	0/1	1/0	0/1	1/0	0/1	0/1	0/1	0/1	0/1	0/1		0/1	0/1	0/1	0/1	0/1	0/1	0	0	0	0	0	0	0	0	0	1/0
,	_	_	1/0	_	I	1/0	0/1	0/1	1/0	1/0	1/0	0/1	0/1	1/0	1/0		0/1	0/1	1/0	_	_	_	-	0	_	П	0	0/1	-	0	ı	1/0
	A 2 1	LDPS	MD2	MDI	MD0	MD3	MDS	MDS	MD4	MD7	MD10	MD9	MD8	MD11	MD14	GND	MD13	MD12	MD15	IO CSO	RAM ROM CS	CS V/C	ROM SIZE	NMI	UDS	LDS	DUART CS	RESET	PFAIL	IO CS1	VDD	Terminal
	بر 4	35	36	37	38	39	40	4	42	43	4	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	66	61	62	63	64	N _o

TEST POINT
VOLT/DIV
TIME/DIV

5V/DC

5 µs

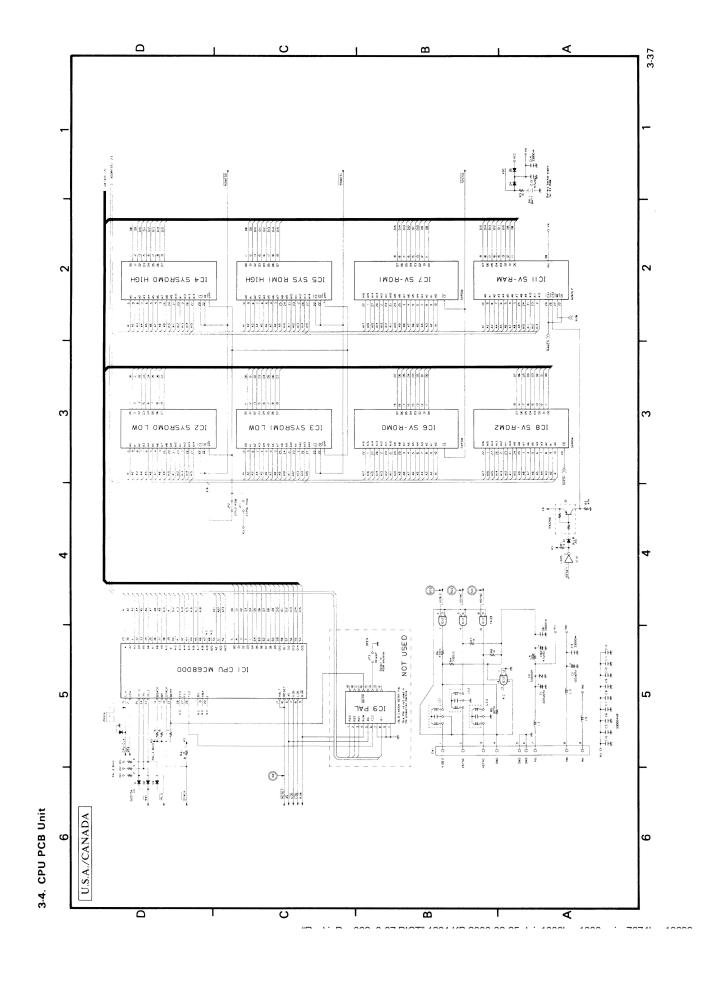
CH1 501

Arra
y #
2

	(SND -	TRIGGER	TIME/DIV 2ms	VOLT/DIV 5V/DC 5V/DC	TEST POINT 503 502	SOURCES CH1 CH2
				DC	02	H2

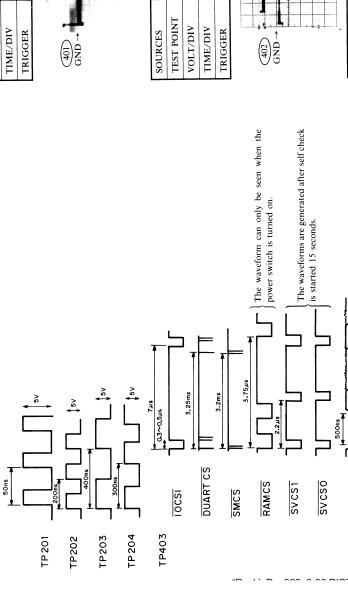
TRIGGER		<u>s</u>					
ER						9-1	
CH1 7	****		***	 ***	****	****	****
4							

SOURCES	GND →	TRIGGER	TIME/DIV	VOLT/DIV	TEST POINT	SOURCES
CH1		СН	0.1	2V/DC	101	CH1
СН2		СН1¬	0.1 sec	2V/DC	102	CH2

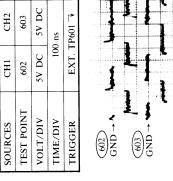


3-4. CPU PCB Unit

The waveforms after the completion of initialization



CH2	505	5V DC	100 ns	2 →	5#	СН2	602	5v DC	100 ns	-		CH2	603	5V DC	100 ns	TP601 ¬₹	
CHI	202	5V DC	100	CH2	31	CH1	109	SV DC	100	CHI		СН1	605	5V DC	100	EXT. 1	
SOURCES	TEST POINT	VOLT/DIV	TIME/DIV	TRIGGER	GND GND GND GND	SOURCES	TEST POINT	VOLT/DIV	TIME/DIV	TRIGGER	(10) O O O O O O O O O O O O O O O O O O O	SOURCES	TEST POINT	VOLT/DIV	TIME/DIV	TRIGGER	602 GND →
СН1 СН2	401	5v DC	200 ns	CH1 →		CH1 CH2	402	5V DC	0.5 μs	CH1 →		СН1 СН2	504	SV DC	0.1 µs	CH1 →	
SOURCES	TEST POINT	VOLT/DIV	TIME/DIV	TRIGGER	(401) GND →	SOURCES	TEST POINT	VOLT/DIV	TIME/DIV	TRIGGER	GND + COND	SOURCES	TEST POINT	VOLT/DIV	TIME/DIV	TRIGGER	S04 GND →

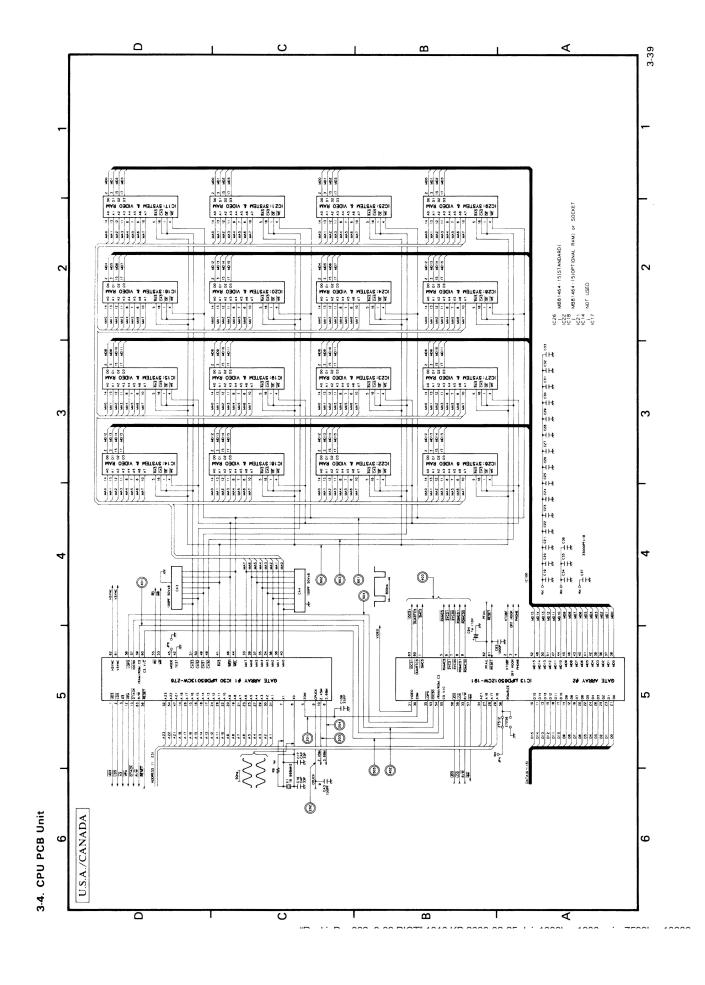


800ns

ROM CSO

ROM CS 1

80008



SOURCES

CHI 701

CH2

SOURCES

CHI 901

CH2 902

TRIGGER

CH1 → 0.2 ms

GND QOI

TIME/DIV

VOLT/DIV TEST POINT

0.5V AC | 2V AC

702

TEST POINT

TIME/DIV VOLT/DIV Waveform Observation Conditions

the following waveforms. Connect the telephone and the line to the jacks respectively, and observe

- (a) Ring tone signal at answering
- (b) Waveforms when setting Dial Pulse "3" at transmission to Auto Dial
- © Ring tone signal at answering
- (a) Waveforms do not appear during the standby period. The waveforms can only be seen during DTMF operation. These waveforms are generated when the DTMF tone is used for Auto
- (e) Waveforms when the DTMF tone for automatically dial "2".
- (f) Waveforms when the carrier is received 1200 bps: PSK
- (9) Waveforms when the carrier is received 300 bps: FSK

(h) Receiving carrier and waveforms after demodulation

GND→	702	ć		701	TRIGGER
	4				~
1	1	ļ			i i
	廿	1	***	****	CHI
‡	1				F
	11				

				<u>o</u>
TRIGGER	TIME/DIV	VOLT/DIV	TEST POINT	SOURCES
СН	0.1 s	20V DC	701	CH1
СН1 7	1 s	20V DC	702	CH2

TIME/DIV VOLT/DIV

20 ms 2V DC SOURCES

CH1 803

CH2 804

TEST POINT

2V DC

	.	702				J
	'n	1	٦.			
·	1	1				
	1	1				
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			I			
"		T	T	****	****	l'''
			1			
		1	T			
		1.	I			
		1	I			

SOURCES

CH1

CH2 704

SOURCES

CHI

CH2

TEST POINT

703

20V AC

2V DC

TRIGGER TIME/DIV VOLT/DIV

CH1 _ 0.1 s

GND 704

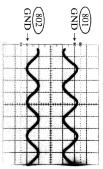
	GND →) (M)	ONE I		TRIGGER
AGGA				1333	CH1 →

)				TRIGGER	TIME/DIV	VOLT/DIV	TEST POINT
•	2	-	1	2					
		\dashv		D				21	
			4	.,.	••••	٦		2V AC	901
H			+4	5		CH1 →	0.2 ms	Ľ	
1	7	+	4	1		لي	ns	2ν	,,
	>		1					2V AC	902
<	,	1	(2				()	

				@	
TRIGGER	TIME/DIV	VOLT/DIV	TEST POINT	SOURCES	
CH1 →	100	5V DC	801	CH1	
1 4	100 ris	5V DC	802	CH2	

50V DC SOV DC

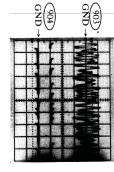
0.1 s



				í		
	-3-	1	T	1	2.0	
		/	1	•		
			Ī		,	
		1				
***	****	V	'''I'	1		l''''
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					5	
		1	1	1		
	ï	1		K		

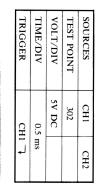
S(8)

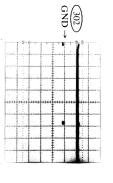
					Ŧ
	TRIGGER	TIME/DIV	VOLT/DIV	TEST POINT	SOURCES
	СН	2 ms	0.2V AC	903	CH1
AND THE PROPERTY OF THE PROPER	СН2 _∱	ns	5V DC	904	CH2



Gate Array #3

33	LEDE	0	Ţ	GND	32	
34	33	0	-	CPUCK	31	
35	KSTB 7	0	_	IO CSI	30	
36	KSTB 6	0	0/1	D7	29	
37	KSTB 5	0	0/1	D6	28	
38	KSTB 4	0	0/1	D5	27	
39	KSTB 3	0	0/1	D4	26	
40	KSTB 2	0	0/1	D3	25	
41	KSTB 1	0	0/1	D2	24	
42	KSTB 0	0	0/1	D1	23	
43	KBD 7	_	0/1	D ₀	22	
4	KBD 6	_	_	R/₩	21	
45	KBD 5	_	-	RESET	20	
46	KBD 4	-	_	Α4	19	
47	KBD 3	-	_	Α3	18	
48	KBD 2	Н	_	A2	17	
49	KBD 1	-	_	A1	16	
50	KBD 0	_		GND	15	
51	VDD	1	-	TEST	14	
52	INDEX	-	I	LOW BATT	13	
53	DS0	0	0	DSTB	12	
54	DIR	0	0	CD0	11	
55	MON	0	0	CD1	10	
56	W DATA	0	0	CD2	9	
57	STEP	0	0	CD3	∞	
58	TRK 00	-	0	CD4	7	
59	W Gata	0	0	CD5	6	
8	R DATA	_	0	CD6	2	
61	WRP	_	0	CD7	4	
62	READY	_	П	SLCT/ERR	w	
63	SIDE 1	0	0	IPP	2	
4	VDD	1	_	PE	_	
No.	Terminal	1/0	1/0	Terminal	No.	





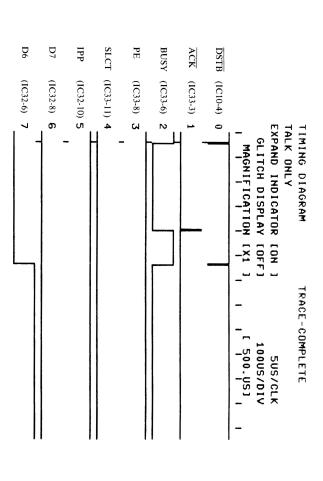
SOURCES	CHI	CH2
TEST POINT	301	
VOLT/DIV	5V DC	
TIME/DIV	0.5 μs	μs
TRIGGER	СН1	1 7

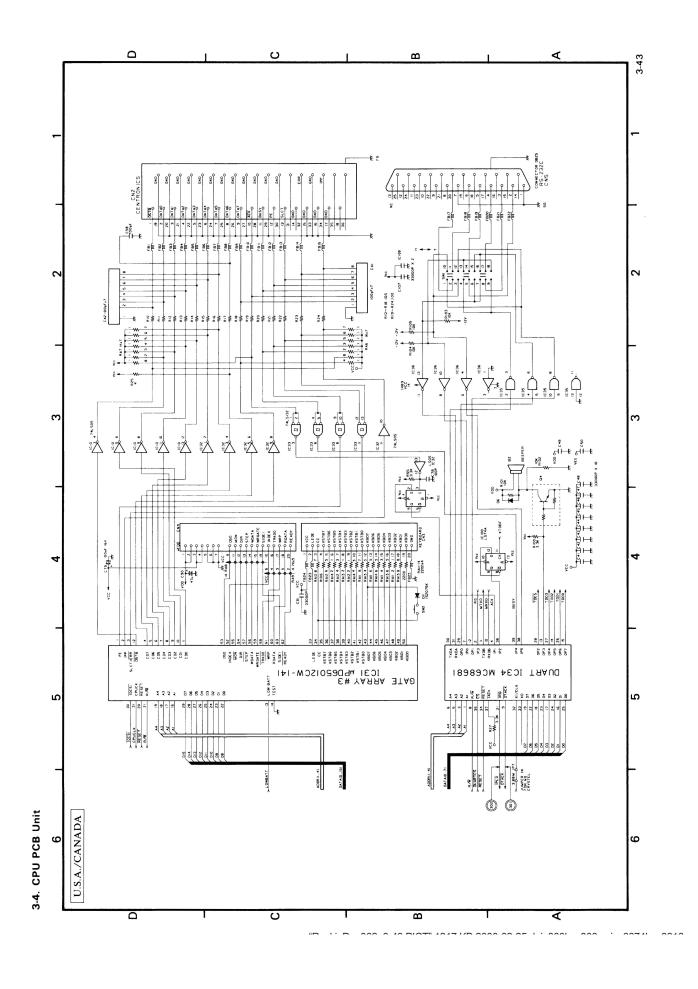




CENTRONICS I/F

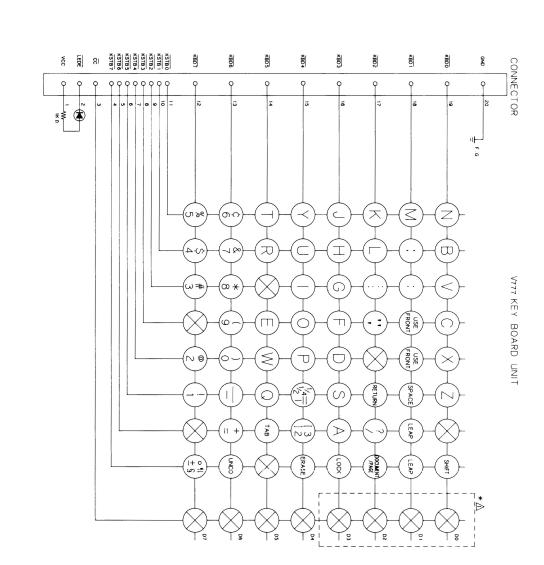
Waveforms when "j" is printed (D5 to D0 are omitted)

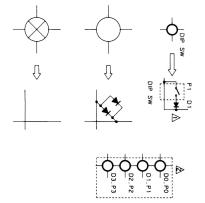




3-44

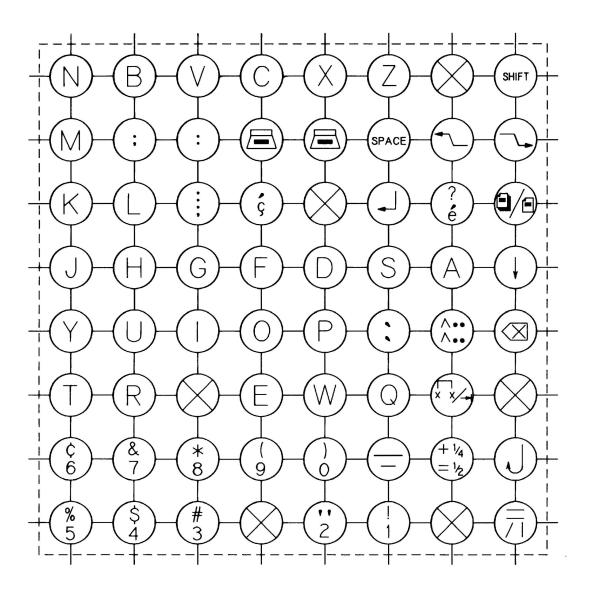
1. Keyboard Circuit (U.S.A./Canada/Asia/Oceania)



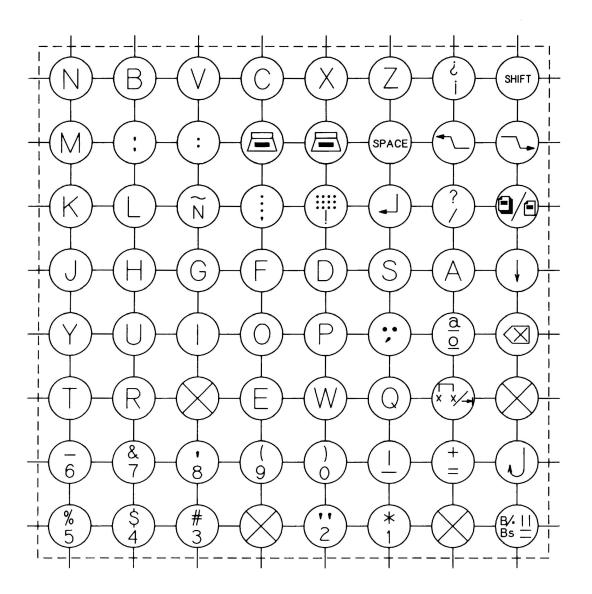


		15	4	13	12	Ξ	10	9	8	7	6	O.	4	ω	2	-		2 0
		Japan	S. Africa	Italy	Spain	□. K	France	Switzerland	W. Germany	Netherlands	Sweden	Denmark	Norway	Latin	Quebec	U.S.A		Destination
0	7	-	-	-	0	0	0	0	0	-	0	-	-	0	-	7	PO	
0OFF Position	ON	-	0	-	-	-	0	-	0	0	-	0	-	0	0		P1	呈
Pos	Position	-	-	0	0	0	-	-	0	0	-	-	0	-	0	\overline{Z}	P2	WS
ē	9	0	-	-	-	0	0	-	1	-	0	0	0	-	0	\overline{Z}	Р3	_
\otimes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\otimes	8	
z	: 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\otimes	0	Diode
No Diode	Diode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\otimes	D2	de
de		0	0	0	0	0	0	0	0	0	0	0	0	0	0	\otimes	D3	

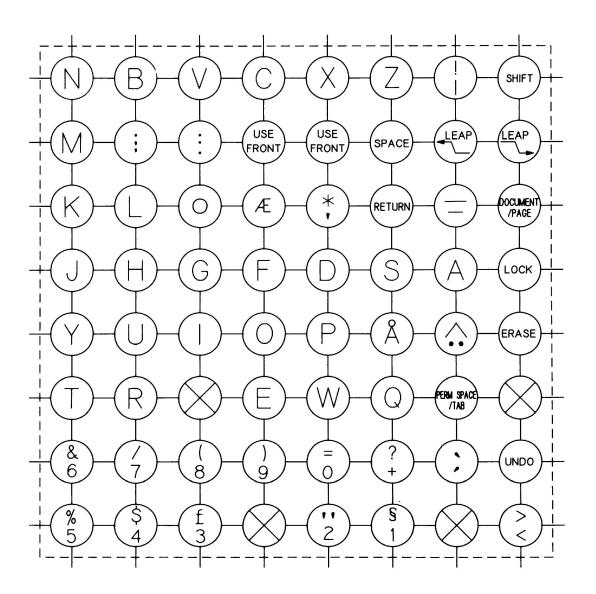
2. Keyboard Circuit (Quebec)



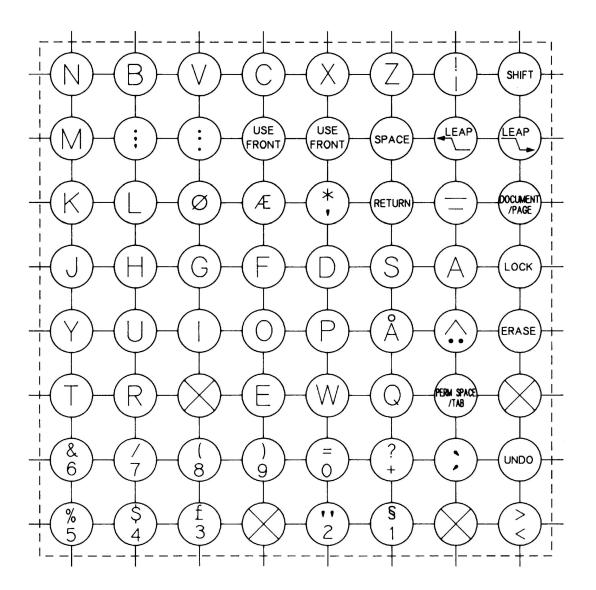
3. Keyboard Circuit (Latin)



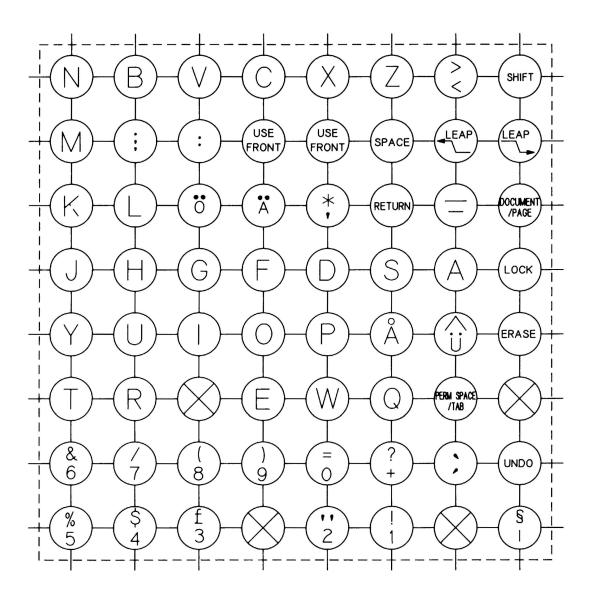
4. Keyboard Circuit (Norway)



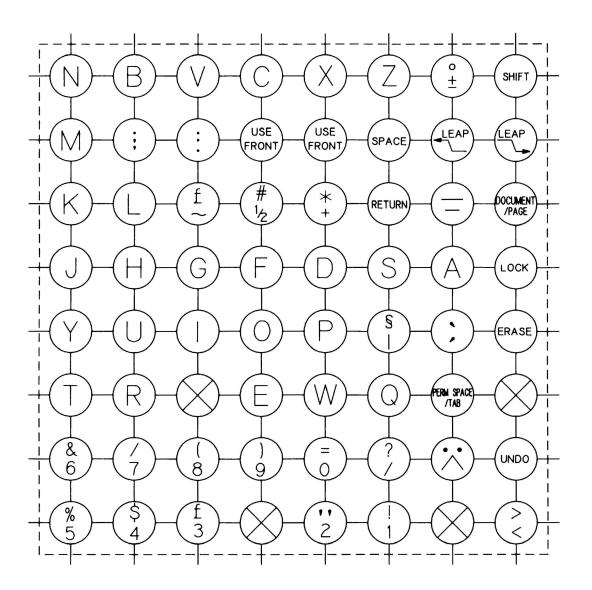
5. Keyboard Circuit (Denmark)



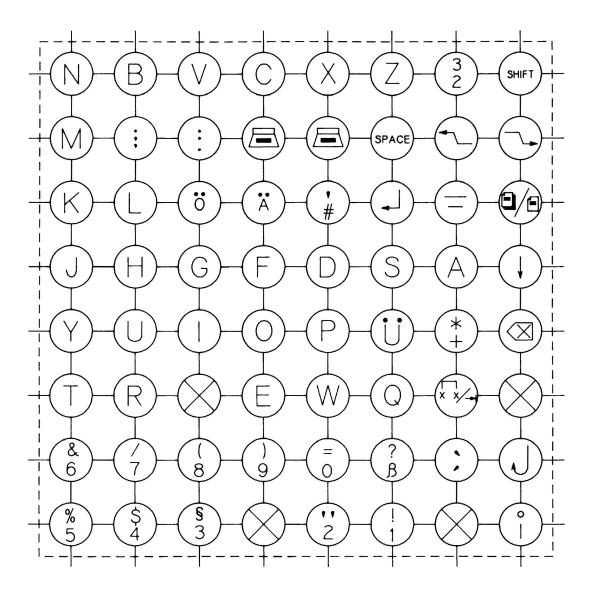
6. Keyboard Circuit (Sweden/Finland)



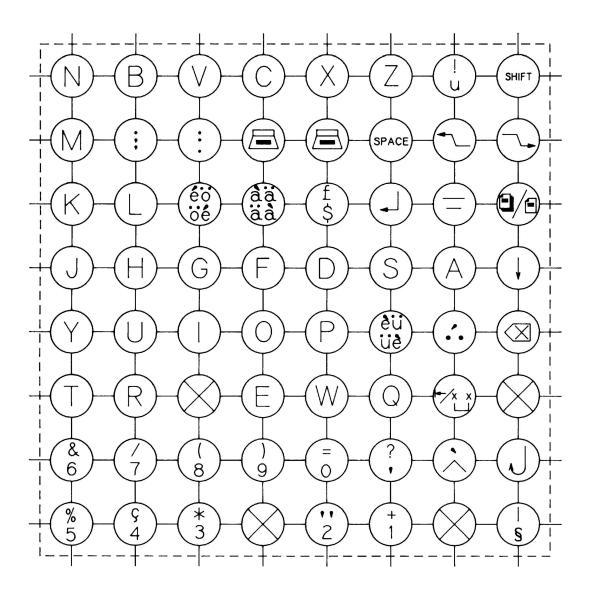
7. Keyboard Circuit (Netherlands)



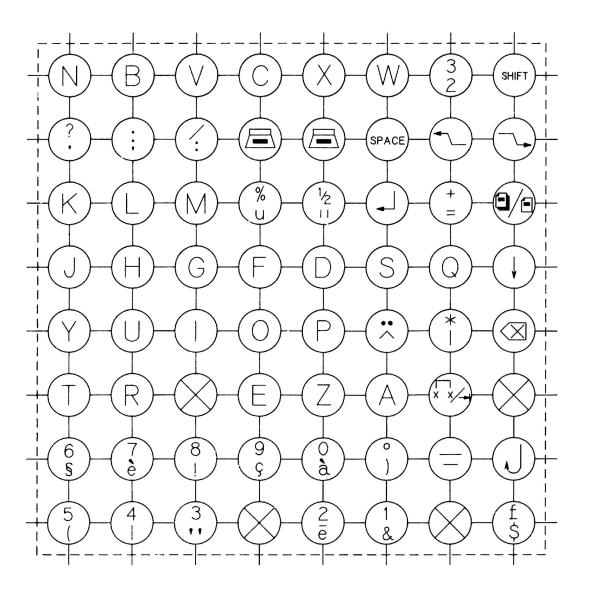
8. Keyboard Circuit (W. Germany)



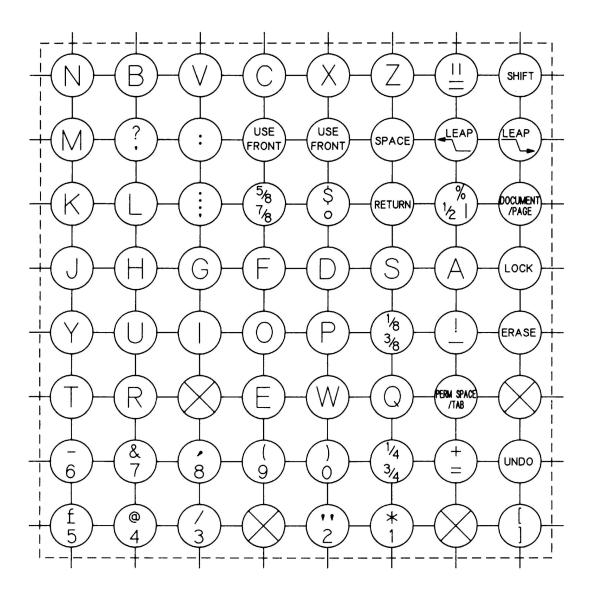
9. Keyboard Circuit (Switzerland)



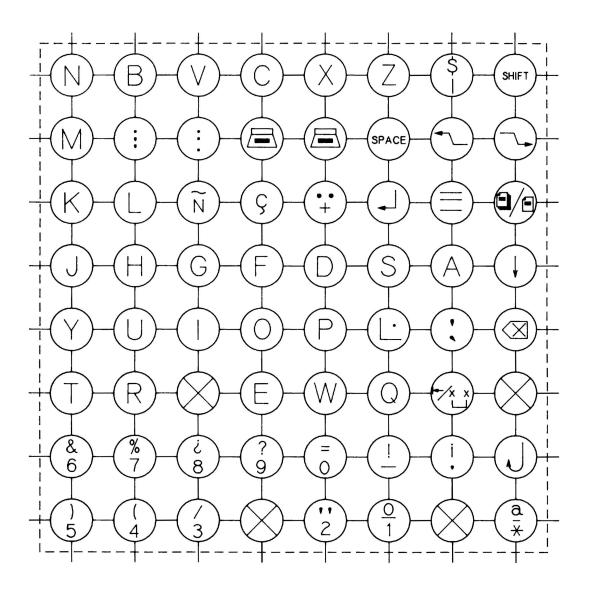
10. Keyboard Circuit (France)



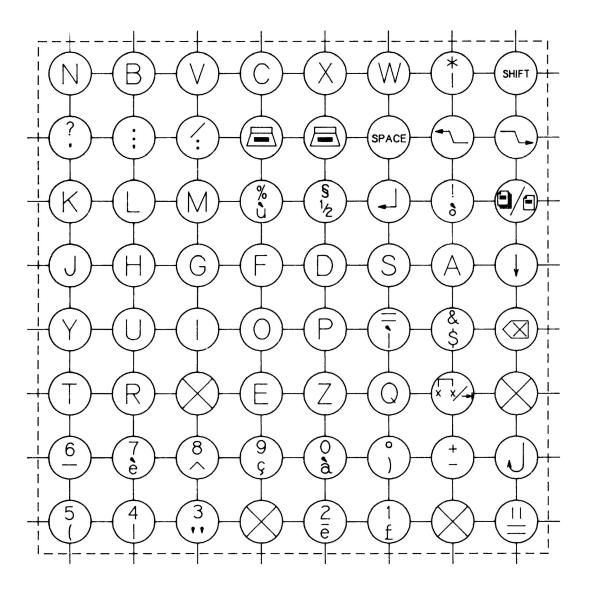
11. Keyboard Circuit (U.K.)



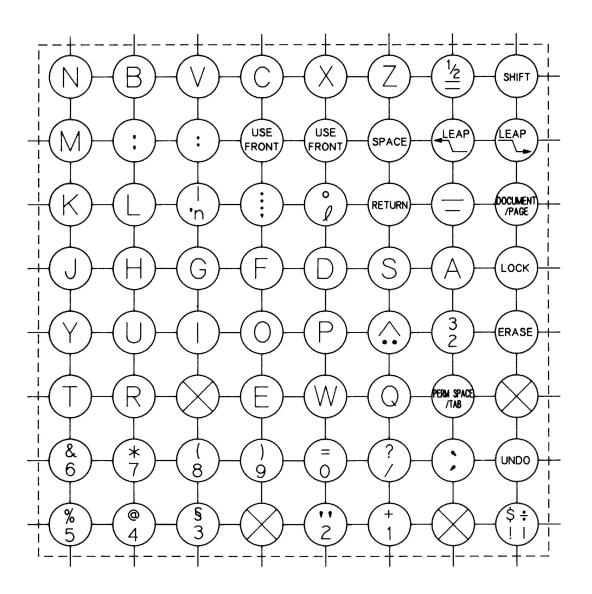
12. Keyboard Circuit (Spain)



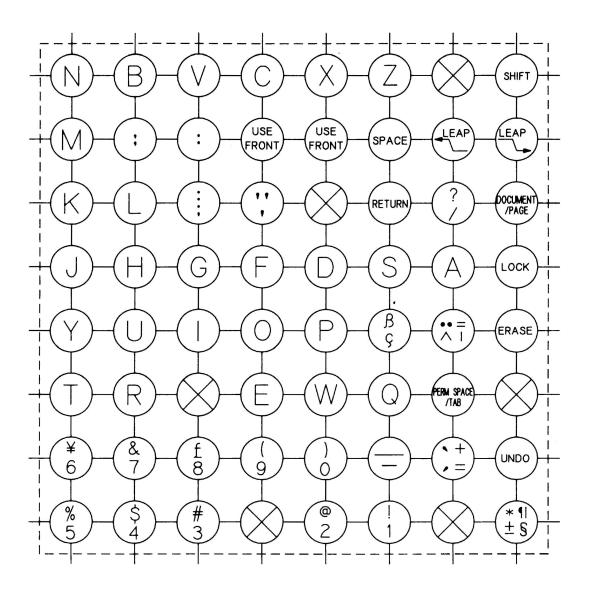
13. Keyboard Circuit (Italy)



14. Keyboard Circuit (S. Africa)



15. Keyboard Circuit (Japan)



CHAPTERA

CHECK OPERATION

٠ ــــــــــــــــــــــــــــــــــــ		Page	및 입고기도를 깨워들다 본다	Page
4-1.	Program Name	4-1 4	-4. Check Points for	OK Results 4-9
	Check Range/Specification	the first the second of the se		[2] 이 경기 : "10.66 : 10명부터 200 : 200 : 200 : 그리면 200 : 10 : 10 : 10 : 200 : 10 : 10 : 200 : 10 : 1
4-3.	Operation	4-4 4	-6. ROM Check Sum	Table 4-20

4. CHECK OPERATION

Check programs are provided in the main unit system ROM. These programs are roughly divided into programs that make checks automatically (called self diagnosis) and programs that make checks by selecting the check items (called manual check). The manual check menu is displayed after self diagnosis is executed. The check items of each program are shown below.

4-1. Program Name

Program Name	Item	Required Item	Required Time	Field/ Work Shop
SELF DIAGNOSIS	① KB Country Code ② SYS ROM ③ SV-ROM ④ SYS RAM ⑤ SV-RAM	None	20 sec.	Field/ Work Shop
MANUAL	[1] Keyboard Check	None	_	
CHECK	[2] CRT Adjustment	None	-	
	 [3] FDD Adjustment [1] Index Burst Position [2] Step In [3] Step Out [4] Track 00 [5] Track 00 Modulation [6] Track 79 Modulation 	Alignment Disk Alignment Disk Alignment Disk Normal Disk Normal Disk Normal Disk	_	Work Shop
	[4] FDD Head Cleaning	Cleaning Disk	5 sec.	Field/ Work Shop
	[5] Format Disk	Normal Disk	20 sec.	
	[6] FDD Check	Normal Disk	_	

Note:

 \bigcirc \sim \bigcirc : Checked automatically in this order.

 $[1] \sim [6]$: Menu selection items

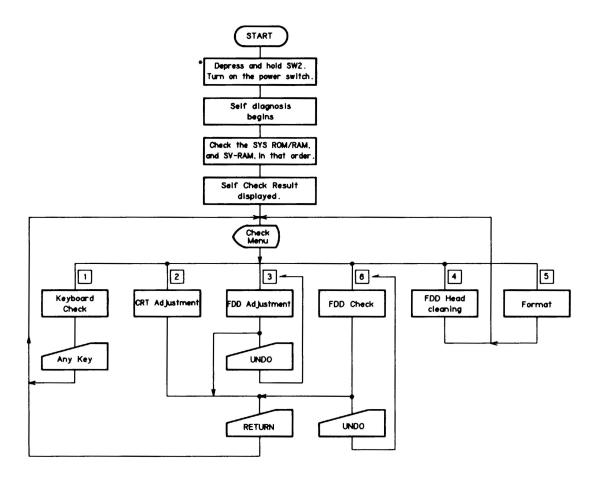
4-2. Check Range/Specification

Prog	ram Name	Check Range	Specification
SELF DIAG- NOSIS	① KB Country Code	Keyboard Unit CPU PCB Unit	① Reads the country code (including the test SW status) from the keyboard, then displays the code and the country name. Country Code: D4 ~ D0 are country codes. D7 is test SW status.
	② SYS ROM	CPU PCB Unit	② Checks the system ROM check sum.
	③ SV-ROM	CPU PCB Unit	③ Checks the SV-ROM check sum.
	④ SYS RAM	CPU PCB Unit	(4) Performs system RAM read/write check. After checking, RAM No. is displayed. (00 ~ 33) If there is an error, the RAM No. is highlighted.
	⑤ SV-RAM	CPU PCB Unit	(§) Performs SV-RAM size check.
MANUAL CHECK	[1] Keyboard Check	Keyboard Unit CPU PCB Unit	[1] Displays the keyboard layout and country name, then you manually selects check items using the cursor. If an error occurs, the check item is highlighted and the cursor moves to the next check item. Returns to the check menu, if a selection is made after the last check item is checked.
	[2] CRT Adjustment	CRT/Power Supply Unit	[2] Five patterns are available for CRT/POW-ER SUPPLY unit adjustment. Adjustments are made using the H-pattern. (The other patterns are for factory use.)

4-2. Check Range/Specification

Prog	ram Name	Check Range	Specification
MANUAL CHECK	[3] FDD Adjustment	μFDD Unit	 [3] μFDD adjustment use Six selections are possible. Adjustments are made by combining these selections. [1] Index Burst Position Reads the disk by stepping from track 00 to track 40. [2] Step In Items to be input while Index Burst Position is executing. Seeks to track 39 and steps to track 40. [3] Step Out Items to be selected after Step In was performed. Seeks to track 41 and steps to track 40. [4] Track 00 Steps alternately between track 00 and track 06. [5] Track 00 Modulation Writes and reads Data = \$55 at track 00. [6] Track 79 Modulation Steps from track 00 to track 79 and writes and reads Data = \$55.
	[4] FDD Head Cleaning	CPU PCB Unit	Cleans the μFDD heads. Selects tracks at random and loads the heads for five seconds. After executing, returns to check menu.
	[5] Format Disk	μFDD Unit	Format a unformat disk to be a Read/Write disk. This format is the same as the CAT's, but ID No. for the CAT cannot be written on the check disk.
	[6] FDD Check	μFDD Unit	Performs FD read/write check. The following methods are available: 1. Step In (Read/write from track 00 to track 79) 2. Step In/Out (Outside edge and inside edge read/write alternately) 3. Fixed (Read/write fixed address)

1. Starting Procedure



^{*}SW2: SW2 is on the rear panel of the main unit. It is turned on by inserting the tip of a pen into the small hole to the left of the CENTRO connector.

2. Operation Method

(1) Manual Check

Program Name	Operation Method	Interruption/ Cancellation
Keyboard Check	 When key 1 is pressed at the selection menu, the keyboard layout and country name are displayed. First, the leftmost key of the top row is highlighted. When a key is pressed, the next key is highlighted. Then, the highlighting moves from left to right and top to bottom. Detection of a wrong key generates a beep and the selection to the left remains highlighted. If a key is input after the last selection is tested, the display returns to the check menu. 	None
CRT Adjustment	 When key 2 is pressed at the selection menu, H pattern is displayed. Five patterns are available. The H pattern is the first pattern. The pattern changes each time the SPACE key is pressed. (1, 2, 3, 4, 5, 1, 2, 3,) The current pattern is reversed each time the UNDO key is pressed. (Black on white to white on black) When the RETURN key is pressed, the display returns to the check menu. 	Cancellation RETURN
FDD Adjustment	When key 3 is pressed at the selection menu, FDD Adjustment is displayed. The following are displayed: [1] Index Burst Position [2] Step In [3] Step Out [4] Track 00 [5] Track 00 Modulation [6] Track 79 Modulation	

Program Name	Operation Method	Interruption/ Cancellation
FDD Adjustment	An operation is performed by combining several items from items [1] to [6] according to the purpose for FDD adjustment. Operation is described below by purpose. To exit from this menu to the check menu, press the RETURN key.	
	 A. Track Position Adjustment 1) Insert an alignment disk into the drive. 2) Press key 1 at the adjustment menu. (Index Burst Position selected.) (If there is no disk in the drive, a beep is generated and the selection is not performed.) 3) Observe and adjust the waveform. 4) Press key 2 and check the waveform. 5) Press key 3 and check the waveform. Then, press the UNDO key (Quit) 	To interrupt the program at steps 3) and 4), press the UNDO key.
	 B. Index Burst Position Adjustment 1) Insert an alignment disk into the drive. 2) Press key 1 at the adjustment menu. (If there is no disk in the drive, a beep is generated and the selection is no performed.) 3) Observe and adjust the waveform. Then, press the UNDO key (Quit) 	Interruption UNDO
	 C. Track 00 Adjustment 1) Insert a normal disk into the drive. 2) Press key 4 at the adjustment menu. (If there is no disk in the drive, a beep is generated and the selection is not performed.) 3) Observe and adjust the waveform. Then, press the UNDO key (Quit) 	Interruption UNDO

Program Name	Oper	ration Method	Interruption/ Cancellation
FDD Adjustment	 D. Modulation 1) Insert a normal disk into the drive. 2) Press key 5 at the adjustment menu. (If there is no disk in the drive, a beep is generated and the selection is not performed.) 3) Check the waveform. Then, press UNDO key. 4) Press key 6 and check the waveform. Then, press UNDO key. 		Interruption UNDO
FDD Check	1) When key 6 is pre the FDD check scre	ssed at the manual check menu, en is displayed.	
FDD Check: Sequence=Step I [1]=Step In Press [SPACE] to Press [UNDO] to Press [RETURN]	[2]=Step In/Out [3]=Fixed to start. to quit.		
	4) After setting all the	Parameter [1]=Step In, [2]=Step In/out, [3]=Fixed [0-9] [0-9] [R]=Read only, [W]=Write Before Read Check [0-79] [0-9] the characters in [] are input. parameters, insert a normal disk e protect tab must be removed)	

Program Name	Operation Method	Interruption/ Cancellation
FDD Check	 5) Start the program by pressing SPACE key. 6) "Pass:" is displayed. This shows the number of times FDD was checked. (Loop Count) 7) To interrupt the program, press UNDO key for about one second. The display returns to the check screen. 8) To exit from the FDD Check program, press the RETURN key. 	
FDD Head Cleaning		
Format Format: Before executing the FDD Check, the disk to be used must be initialized the following program: 1) Remove the write-protect tab of a normal disk and insert the disk into the drive. 2) Press key 5 at the check menu. Twenty seconds later, initialization ends.		

4-4. Check Points for OK Results

Program Name	Check Point			
SELF DIAGNOSIS	At the end of the checks, the results are displayed as follows:			
	① →	Self Diagnosis KB Country Code: 86	O United Sta	tes
	②→	ROM Checksums: SYS ROM0 HIGH:		Read xxxxxxxx
		SYS ROM0 LOW: SYS ROM1 HIGH: SYS ROM1 LOW:		xxxxxxx xxxxxxx xxxxxxx
		SV ROM0: SV ROM1: SV ROM2:	XXXXXXXX XXXXXXXX	********* *********
	3→	SYSTEM RAMs: SV RAM:	00 01 02 03 10 11 00002000	1 12 13 20 21 22 23 30 31 32 33
	(4)→	Manual Check Menu: [1] Keyboard Ch [2] CRT Adjustn [3] FDD Adjustn [4] FDD Head C [5] Format Disk [6] FDD Check	eck nent nent	[4] [5] [6]
	 The keyboard country code and country name are displayed. The names and codes are shown below. When D7 = High, "Cocode = 80" is displayed. O0: United States 01: Canada 02: United Kingdom 03: Not 04: France 05: Denmark 06: Sweden 07: Japan 08: West Germany 09: Netherlands 0A: Spain 0B: Italy 0C: Latin America 0D: South Africa 0E: Switzerland The system ROM and SV-ROM check sum is displayed. The survalue is displayed as true value (true) and check result value (rewhether these two values are the same is checked. 		When D7 = High, "Country ted Kingdom 03: Norway 07: Japan A: Spain 0B: Italy 0E: Switzerland	
			l check result value (read).	

4-4. Check Points for OK Results

Program Name		Che	ck Point	
SELF DIAGNOSIS	OSIS 3 The RAM1 to RAM15 and IC No. correspondence as state and size are shown below. RAM size must be detable below.			
	IC No.	RAM No.	Installation state	Size
	IC29 ~ IC26	RAM00 ~ RAM03	Standard	128 KB
	IC25 ~ IC22	RAM10 ~ RAM13	Standard	128 KB
	IC21 ~ IC18	RAM20 ~ RAM23	Optional RAM	128 KB
	IC17 ~ IC14	RAM30 ~ RAM33	Uninstalled RAM	
	◆ SV-RAM checks RAM size. "00002000" is displayed (8 kbyte		d (8 kbytes).	
MANUAL CHECK	[1] Keyboard check If all checks are OK, a beep is not generated and character highlighting does not occur.			
	[2] CRT adjust		ot use OV /NC masses	
	The adjustment pattern does not use OK/NG messages. 1. H-pattern (Field/work shop)		iges.	
	2. #H-pattern (Factory) 3. Cross-pattern (Factory)			
			- /	
			factory)	
	5. All dot-pattern (Factory)			

4-4. Check Points for OK Results

Program Name	Reading the result	
MANUAL CHECK	[3] FDD adjustment The adjustment program does not use OK/NG messages. [6] FDD Check If all about are OK a message is not displayed.	
	If all checks are OK, a message is not displayed. Note) When the disk is write-protected, checks are not performed.	
	When an error occurs, a beep is generated and the following message is displayed:	
	Pass: 1 Track: 27 Sector: 6 Error: 6 Type: Write Error Error Message Sector No.	
	Track No.	
	Loop Count	
	Type "Write Error" or "Read Error" Error code:	
	Error Code 1 No disk in drive 2 Seek error 3 Disk write protected 4 No headers found 5 Header CRC error 6 No data field found	
	7 Data CRC error 8 Disk verify error 9 Wrong header found	
	[4] FDD Head Cleaning Since this is a head-cleaning program, OK/NG messages are not displayed.	

Prograi	n Name	Concrete Examples of NG Results
SELF DIAGNOSIS	① KB Country Code	Country code is different.
	② SYS ROM and SV-ROM	The true value is different from the read value.
	③ RAM and SV-RAM	"Error" is displayed.
		RAM size is different.
MANUAL CHECK	[1] Keyboard	Keys on the key layout are highlighted. (Some or all of the keys)
		Even if a key is pressed, it is not input.

Cause of Fault	Action	Remarks
Defective Diode (CC-Line) Poor Cable	Replace the keyboard unit.	Keyboard Check
System ROM or SV-ROM, defective	Replace the CPU PCB unit.	Replace the ROM chip or observe the waveform.
RAM Chip, defective Gate Array #1 or #2	Replace the CPU PCB unit.	Replace the RAM chip and Gate Array #1 or #2.
RAM chip, defective	Replace the CPU PCB unit.	Replace the RAM chip.
Key switch, defective Diode, defective	Replace the keyboard unit.	Keyboard check
Poor Cable, Gate Array #3, defective	Replace the keyboard unit Replace the CPU PCB unit.	Cable check Replace the Gate Array #3.

D	- Nome	NG symptoms	OK Examples
Fiograi	n Name	Display/Printing	Display/Printing
MANUAL CHECK	[2] CRT Adjustment	The CRT display is vertically long or short. The lengths of the characters at the top and bottom of the CRT are different.	H Patterns of uniform length are displayed at the top and bottom. HHHHHHHHHHH HHHHHHHHHH HHHHHHHH
			170 ± 5 mm
		The CRT display is slanted.	H Patterns of uniform length are displayed at the top, and bottom,
			left, and right.
		(НЯННИННИН) (НИНИННИНН) (НИНИННИНН) (НИНИННИНН)	ННННННННН ННННННННН ННННННННН НННННННН
		The CRT display is distorted.	H Patterns of uniform length are
			displayed at the top, bottom, left, and right.
		Тинининини инининини инининини инининини	НННННННН
		The CRT display drifts horizon-tally or vertically.	H Patterns of length are displayed uniformly at the top, bottom, left, and right.

Cause of Fault	Action	Remarks
Vertical amplitude maladjustment Vertical linearity maladjustment	Replace the CRT/Power supply unit.	Adjust the vertical amplitude VR. MATSUSHITA: R418 GOLD STAR: VR603 Vertical linearity maladjustment MATSUSHITA: R417 GOLD STAR: VR604
CRT internal deflection coil maladjustment	Replace the CRT/Power supply unit.	Adjust the deflection coil.
CRT internal centering magnet maladjustment	Replace the CRT/Power supply unit	Adjust the centering magnet.
Horizontal synchronization maladjustment Vertical synchronization maladjustment	Replace the CRT unit.	Adjust the horizontal/vertical synchronization VR. MATSUSHITA: R528/R416 GOLD STAR: VR702/VR601
Defective HSYNC, VSYNC signal	Replace the CPU PCB unit.	Check the monitor signal.

Program Name		NG symptoms	OK Examples
		Display/Printing	Display/Printing
MANUAL CHECK	[2] CRT Adjustment	No display on the CRT.	H Patterns are displayed. ———————————————————————————————————
		The CRT display is too bright or too dark.	
		The CRT display is not definite.	H Patterns can be clearly seen.
		The CRT displays only one vertical line. The CRT displays only one horizontal line. [CRT monitor] [CRT monitor]	H Pattern are displayed. HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH
		The CRT display is misaligned vertically. The CRT display is misaligned horizontally.	H Patterns are displayed in the center of the CRT at the top and bottom, and at the left and right.
			ННННННННН ННННННННН ННННННННН 110 ± 5 mm

Cause of Fault	Action	Remarks
Defective CRT internal circuit	Replace the CRT/Power supply unit.	Check the video circuit.
Defective CRT cable	Replace the CRT/Power supply unit.	Check the CRT Cable.
Heater is disconnected.		Check the monitor signal.
Defective CRTC/VRAM circuit.	Replace the CPU PCB unit.	Check the CRT/VRAM circuit.
CRT external intensity VR maladjustment. CRT internal intensity VR maladjustment.	Adjust the VR. Replace the CRT/Power supply unit.	Adjust the intensity VR. MATSUSHITA: R530 GOLD STAR: VR703
Defective focusing VR Contrast maladjustment.	Replace the CRT/Power supply unit.	Adjust the focus VR. MATSUSHITA: R530 GOLD STAR: VR703 Adjust the contrast VR. MATSUSHITA: GOLD STAR: VR301
Defective CRT internal circuit.	Replace the CRT/Power supply unit.	Check the CRT internal circuit.
Defective video signal	Replace the CPU PCB unit.	Check the monitor circuit.
CRT internal centering magnet maladjustment	Replace the CRT/Power supply unit.	Adjust the CRT internal centering magnet.

Program Name		NG symptoms	OK Examples	
Flogran	ii Naiile	Display/Printing	Display/Printing	
MANUAL CHECK	[2] CRT Adjustment	The CRT display is horizontally expanded, or the widths of the characters on the left and right sides of a narrowed display are different.	center of the CRT. The widths of	

Program Name		Concrete Examples of NG Results
MANUAL CHECK	[6] FDD Check	Read Error
		Write Error
		The FDD is not starting.

Cause of Fault	Action	Remarks
Horizontal amplitude maladjustment	Replace the CRT/Power supply unit.	Adjust the horizontal amplitude VR. MATSUSHITA: L502 GOLDSTAR:

Cause of Fault	Action	Remarks
FDD or Disk CPU PCB (Gate Array #3)	Replace the FDD unit or disk. Replace the CPU PCB unit.	
FDD or Disk CPU PCB (Gate Array #3)	Replace the FDD unit or disk. Replace the CPU PCB unit.	
The disk is write-protected.	Remove the protect.	

4-6. ROM Check Sum Table

		ROM NAME	CHECK SUM	DATE
IC NO.	ROM NO.	& VERSION NO.	Hexadecimal	MM/DD/YY
IC2	ROM0L	B91U01	\$ 9F1F	6/22/87
IC2	ROM0L		\$	/ /
IC2	ROM0L		\$	/. /
IC2	ROM0L		\$	/ /
IC4	ROM0H	B91U02	\$ FF0A	6/22/87
IC4	ROM0H		\$	/ /
IC4	ROM0H		\$	/ /
IC4	ROM0H		\$	/ /
IC3	ROMIL	B91U03	\$ 79 B F	6/22/87
IC3	ROMIL		\$	/ /
IC3	ROM1L		\$	/ /
IC3	ROMIL		\$	/ /
IC5	ROM1H	B91U04	\$ 03FF	6/22/87
IC5	ROM1H		\$	/ /
IC5	ROM1H		\$	/ /
IC5	ROM1H		\$	/ /

Table 4-1

PARTSCATALOG

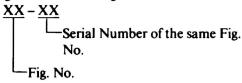
- 16 g		- 11 - 12 - 13 - 14 - 15 - 15 - 15 - 15 - 15 - 15 - 15
How	to Use Parts Listi - ii	C-12. Keytops (DENMARK) C-29 ~ C-30
A.	Assembly Location Diagram A-1	C-13. Keytops
B.	Assemblies B-1 ~ B-2	(SWEDEN/FINLAND) C-31 ~ C-32
C-1.	CPU PCB Unit	C-14. Keytops
C-2.	CRT/Power Supply Unit	(NETHERLANDS) C-33 ~ C-34
	(MATSUSHITA)	C-15. Keytops
C-3.	Power Supply Unit C-9 ~ C-10	(W. GERMANY) C-35 ~ C-36
C4.	CRT/Power Supply Unit	C-16, Keytops
	(GOLDSTAR) C-11 ~ C-12	(SWITZERLAND) C-37 ~ C-38
C-5.	CRT/Power Supply	C-17, Keytops (FRANCE) C-39 ~ C-40
\$	PCB Assembly	C-18. Keytops (U.K.)
C-6.	MICRO FDD Unit C-17 ~ C-18	C-19. Keytops (SPAIN) C-43 ~ C-44
C-7.	Keyboard Unit	C-20. Keytops (ITALY) C-45 ~ C-46
C-8.	Keytops (USA/CANADA/ASIA/	C-21. Keytops (S.AFRICA) C-47 ~ C-48
A par I	OCEANIA) C-21 ~ C-22	C-22. Keytops (JAPAN)
C-9.	Keytops (QUEBEC) C-23 ~ C-24	D. Screws
C-10.	Keytops (LATIN) C-25 ~ C-26	E. ToolsD.E.1
C11.	Keytops (NORWAY) C-27 ~ C-28	F. Numerical Index F-1 ~ F-24
2.0	그렇게 하고 생물이 어떻게 살아서 그 있는 것이 되었다. 그런 어린 것 같은 이 이 나가지?	면이 이 조계를 보고 있는데, 이러 그릇에 되었다면 한 곳 한 시간에 가장 하면 바람이 되었다면 하셨다는데 사람들은 사람들이 되었다면 모든데

HOW TO USE PARTS LIST

The Parts List is classified as follows:

- A. ASSEMBLY LOCATION DIAGRAM
- B. ASSEMBLIES (Exploded View)
- C. PARTS LOCATION
 DIAGRAM by FRU and ASSEMBLY
- D. SCREWS
- E. TOOLS
- F. NUMERICAL INDEX

Pages of Parts Catalog indicate as follows:



ASSEMBLY LOCATION DIAGRAMS

These diagrams show the locations of major assemblies of the Typewriter and Figure No.

FINDING A PARTS NUMBER

Refer to the Assembly Location Diagram and find the Figure Number of the assembly of interest. Turn to the page(s), locate the parts on the exploded view, and find its Key Number. Refer to the Parts List on the page facing the exploded view and find the Key Number, Parts Number and Quantity required for your type of machine.

Because the parts commonly used for all products such as screw, nut, washer, retaining ring and pin are indicated on the illustrations by 3-digit key numbers which consist of one alphabetical digit and two numerical digits, the Parts numbers should be referred to D. SCREWS.

PARTS LIST PAGES

The Parts List pages contain the following columns and information.

Figure and Key Number Column
 The first column shows the Figure Number of the illustration corresponding to the Parts List, and the Key Number that identifies the parts on the

illustration.

(2) Parts Number Column

The second column shows the Parts Number for the parts. This Number must be used when ordering replacement parts or assemblies.

(3) Rank Column

Parts marked "N" are service parts, but are not stocked items. They are produced on a special-order basis. Parts marked "X" are not service parts, therefore they are not available.

(4) Quantity Column

The quantity shown in this column is the number of parts used in the figure. However, the quantity listed for an assembly indicates the number of that assembly per machine.

The letters in this column indicate as follows:

RF Parts listed up for reference
AR Parts of which quantity can
not be specified or used according to necessary quantity

(5) Description Column

The description column lists the parts names in English that should be used when ordering the parts. Major specifications and model numbers of electrical parts are sometimes described at the end of the name.

(6) Remarks Column

The parts marked * are never used before and they are newly stocked as service parts.

(7) Country Code Column

The country code lists available parts by country of origin.

When ordering the parts, refer to the code.

SCREWS

This table covers all the parts (including options) commonly used for all products such as screw, nut, washer, retaining ring and pin. They are indicated in a three-digit form on the illustration with an alphabetical character at the head, different from general key number.

Be careful that these parts are not included in the parts list corresponding to the illustrations.

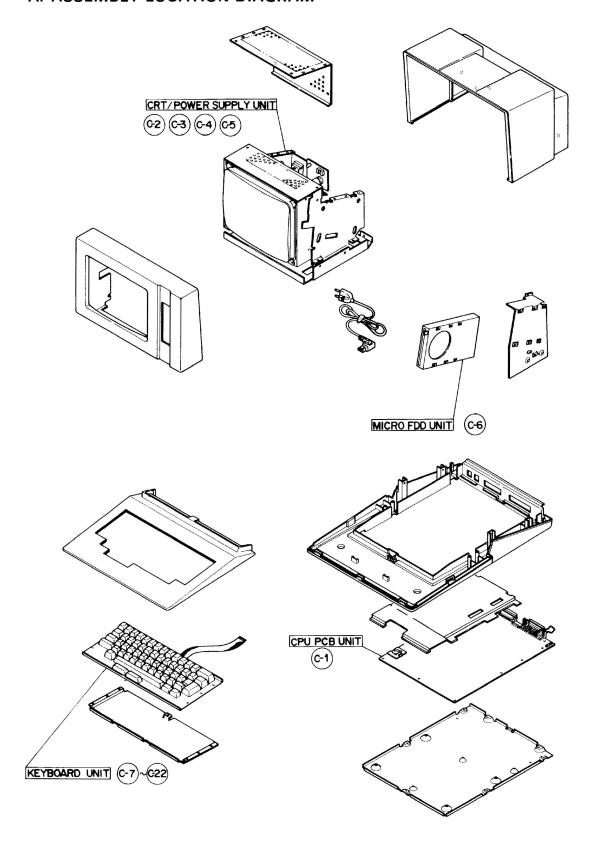
NUMERICAL INDEX

There is a Numerical Index at the end of this catalog. It lists in numerical order every Parts Number contained in the Parts List.

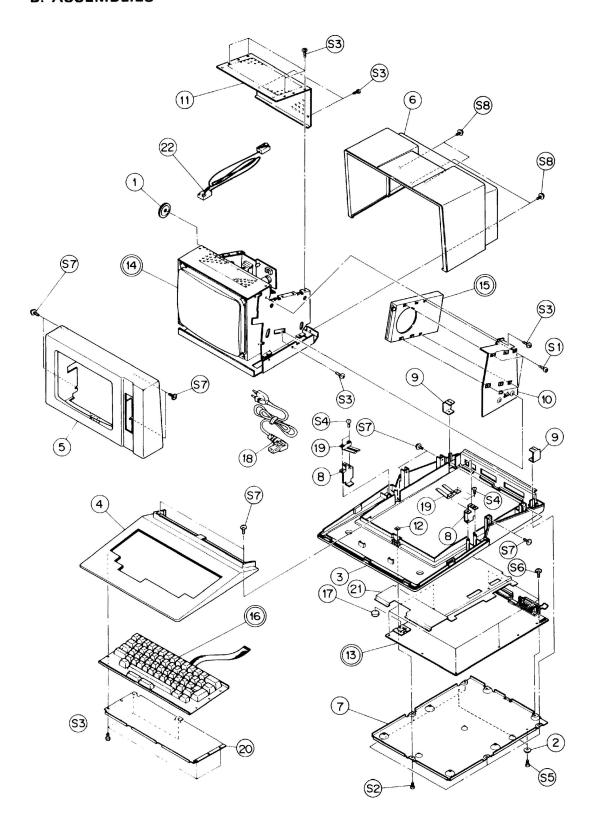
In the left section of the Numerical Index Table are Parts Number, and Figure Number and Key Number are shown in the right section.

Be careful that the Index does not include the parts numbers listed in the Screw Table.

A. ASSEMBLY LOCATION DIAGRAM



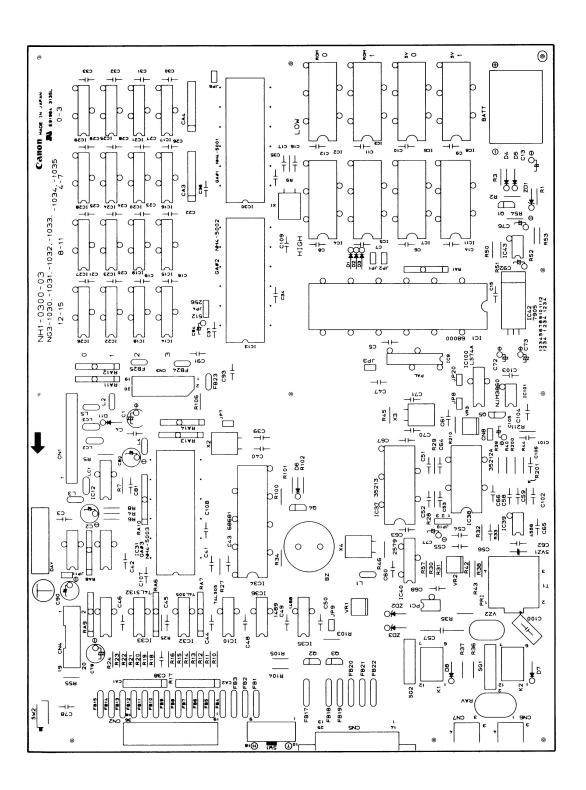
B. ASSEMBLIES



I: SWEDEN/FINLAND M: FRANCE
J: NETHERLANDS N: U.K.
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY Q: S.AFRICA R: JAPAN

FIGURE						COUNTRY CODE
& KEY NO.	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	
KEY NO. 1 2 3 3 3 4 4 4 5 5 5 6 6 6 7 8 8 9 10 11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	NA1-0868-000 NA1-3834-000 NA1-3152-000 NA1-5152-000 NA1-5162-000 NF1-1103-000 NF1-1105-000 NA1-5156-000 NA1-5155-000 NA1-5155-000 NA1-5155-000 NA1-5156-000 NA1-5156-000 NA1-5158-000 NA1-5158-000 NA1-5158-000 NA3-1031-000 NG3-1031-000 NG3-1033-000 NG3-1031-000 NG3-1034-000 NG3-1034-000 NG3-1035-000 NS5-0662-000 NS5-0661-000 NS5-0661-000 NS5-0661-000 NS5-0669-000 NS5-0689-000 NS5-0689-000 NS5-0699-000 NS5-0699-000 NS5-0693-000 NS5-0693-000 NS5-0693-000 NS5-0699-000 NS5-0693-000	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	121111111111111111111111111111111111111	KNOB, VARIABLE RESISTOR RUBBER FOOT BASE CASE BASE CASE BASE CASE (UL) KEYBOARD COVER ASSEMBLY KEYBOARD COVER ASSEMBLY ESCUTCHEON ESCUTCHEON CRT COVER (UL) BASE PLATE EARTH PLATE A EARTH PLATE B MOUNTING PLATE, FOO SHIELD PLATE, CRT PLATE NUT CPU PCB UNIT CRT/POWER SUPPLY UNIT MATSU CRT/POWER SUPPLY UNIT GOLDSTAR CRT/POWER SUPPLY UNIT GOLDSTAR CRT/POWER SUPPLY UNIT GOLDSTAR MICRO FDO UNIT KEYBOARD UNIT KEYBOAR	**************************************	ABCDEFGHIJKLMNOPQR. ABCDEFGHIJKLMNOPQR. .B. EF.H. JKLMNOPQR. A.CO. G. I. ABCDEFGHIJKLMNOPQR. ABCDEFGHIJKLMNOPQR.

C-1. CPU PCB UNIT



C-1. CPU PCB UNIT [COUNTRY CODE AS SHOWN BELOW] COUNTRY CODE:

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAPAN
G: NORWAY K: W.GERMANY O: SPAIN
H: DENMARK L: SWITZERLAND P: ITALY A: USA/CANADA

B: ASIA C: OCEANIA D: QUEBEC

FIGURE & KEY NO.	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE ABCDEFGHIJKLMNOPQR
C-1 C-1 BATT C-1 BZ C-1 BZ C-1 C 1 C-1 C 2 C-1 C 3 C-1 C 3	NH1-0300-000 NF1-0878-000 WR1-0039-000 WR1-0049-000 VC1-2251-227 VC1-2251-107 VC5-4450-105 WA8-0135-000	X	1 1 1 1 1 1 1	CPU P.C. BOARD BATTERY BOX ASSEMBLY BUZZER PKM24-4A0 BUZZER, CB 20PA ALUMINUM CAP. 220UF 25V ALUMINUM CAP. 100UF 25V FILM CAP. 1UF 50V VARISTOR MFC 125AX333M	* * *	ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR BC.EFGHIJKLMNOPQ A.D ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR BC.EFGHIJKLMNOPQR BC.EFGHIJKLMNOPQR R
C-1 C 12 C-1 C 4 C-1 C 5	VC2-3252-105 VC9-1428-000		1 8	TANTALUM CAPACITOR 1UF 25V CERAMIC CAP. 0.1UF 25V -25/80	*	.BC.EFGHIJKLMNOPQ
C-1 C 12 C-1 C 13 C-1 C 13 C-1 C 14 C-1 C 14 C-1 C 15 C-1 C 15 C-1 C 16 C-1 C 16 C-1 C 17 C-1 C 17 C-1 C 18	VC1-2161-226 VC5-3590-476 VC9-1428-000 WA8-0135-000 VC9-1428-000 WA8-0135-000 VC5-1700-100 VC5-3460-330 VC5-1700-100 VC5-3460-330 VC9-1428-000		1 1 1 1 1 1 1 1 1 1 1 20	ALUMINUM CAP. 22UF 16V ALUNIMUM CAP. 47UF 10V CERAMIC CAP. 0.1UF 25V -25/80 VARISTOR MFC 125AX333M CERAMIC CAP. 0.1UF 25V -25/80 VARISTOR MFC 125AX333M CERAMIC CAP. 10PF 50V -25/85 CERAMIC CAP. 33PF 50V -25/80 CERAMIC CAP. 33PF 50V -25/80 CERAMIC CAP. 33PF 50V -25/80 CERAMIC CAP. 0.1UF 25V -25/80	* *	.BC.EFGHIJKLMNOPQRBC.EFGHIJKLMNOPQA.DRBC.EFGHIJKLMNOPQA.DRBC.EFGHIJKLMNOPQA.DRBC.EFGHIJKLMNOPQA.DRBC.EFGHIJKLMNOPQA.DRBC.EFGHIJKLMNOPQA.DRBC.EFGHIJKLMNOPQ.
C-1 C 37 C-1 C 19 C-1 C 20 C-1 C 21 C-1 C 23 C-1 C 24 C-1 C 25 C-1 C 27 C-1 C 28 C-1 C 29 C-1 C 31	WA8-0135-000 WA8-0135-000 WA8-0135-000 WA8-0135-000 WA8-0135-000 WA8-0135-000 WA8-0135-000 WA8-0135-000 WA8-0135-000 WA8-0135-000		1 1 1 1 1 1 1 1 7	VARISTOR MFC 125AX333M		A. D. R. R. R. R. A. D. R.
C-1 C 37 C-1 C 38 C-1 C 40 C-1 C 41	VC5-1700-101 VC5-8010-050 VC9-1428-000		1 1 10	CERAMIC CAP. 100PF 50V -25/85 CERAMIC CAP. 5PF 50V -25/85 CERAMIC CAP. 0.1UF 25V -25/80	*	ABCOEFGHIJKLMNOPQRBC.EFGHIJKLMNOPQBC.EFGHIJKLMNOPQ
C-1 C 50 C-1 C 41	WA8-0135-000		10	VARISTOR MFC 125AX333M		ADR
C-1 C 50 C-1 C 51 C-1 C 52 C-1 C 53 C-1 C 54 C-1 C 55 C-1 C 56	VC9-1428-000 VC5-1710-471 VC9-1428-000 VC9-1428-000 VC9-1428-000 VC5-1710-102		1 1 1 1	CERAMIC CAP. 0.1UF 25V -25/80 CERAMIC CAP. 470PF 50V -25/85 CERAMIC CAP. 0.1UF 25V -25/80 CERAMIC CAP. 0.1UF 25V -25/80 CERAMIC CAP. 0.1UF 25V -25/80 CERAMIC CAP. 1000PF 50V -25/85	* * * * *	ABCDEFGHIJKLMNOPQRA.DR. ABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRR.

C-1. CPU PCB UNIT [COUNTRY CODE: A: USA/CANADA E: LATIN(115V) B: ASIA F: LATIN(230V) C: OCEANIA G: NORWAY D: QUEBEC H: DENMARK

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CICUDE			Ī			COUNTRY CODE
FIGURE &	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRI CODE
KEY NO.	TAIT NAMED			DESCRIPTION	TICHTINO	ABCDEFGHIJKLMNOPQR
C-1 C 57	VC5-9870-474		1	CERAMIC CAP. 470000PF -45/85	*	ADR
C-1 C 58	VC5-1710-471		1	CERAMIC CAP. 470PF 50V -25/85	*	A. D
C-1 C 59	VC5-1710-102	l	1	CERAMIC CAP. 1000PF 50V -25/85	*	ADRR.
C-1 C 60	WA8-0135-000		1	VARISTOR MFC 125AX333M		ADRR
C-1 C 62	VC9-1428-000		6	CERAMIC CAP. 0.1UF 25V -25/80	*	.BC.EFGHIJKLMNOPQ
5		ŀ				
C-1 C 67						
C-1 C 62	WA8-0135-000		6	VARISTOR MFC 125AX333M		AD
10105						
C-1 C 67 C-1 C 68	VC5-1680-222		1	CERAMIC CAP. 2200PF 50V -25/85		AD
C-1 C 70	VC5-1700-200		1	CERAMIC CAP. 2200FF 50V -25/85	*	A. D
C-1 C 70	VC5-1700-200		1	CERAMIC CAP. 20PF 50V -25/85	*	A. D
C-1 C 72	VC1-2251-107		1	ALUMINUM CAP. 100UF 25V	*	ABCDEFCHIJKLMNOPQR
C-1 C 73	VC1-2251-107		ŀί	ALUMINUM CAP. 1000F 25V	*	ABCDEFCHIJKLMNOPQR
C-1 C 76	VC1-2101-105		Ιi	ALUMINUM CAP. 1UF 10V		ABCDEFGHIJKLMNOPQR
C-1 C 77	VC1-2161-107		1	ALUMINUM CAP. 100UF 16V	*	ABCDEFGHIJKLMNOPQR
C-1 C 78	VC1-2161-475		l i	ALUMINUM CAP. 4.7UF 16V	-	.BC.EFGHIJKLMNOPQ
C-1 C 79	VC1-2161-107		1	ALUMINUM CAP. 100UF 16V	*	ABCDEFGHIJKLMNOPQR
C-1 C 80	VC1-2251-476	İ	1	ALUMINUM CAP. 47UF 25V		AD
C-1 C 81	WA8-0135-000		1	VARISTOR MFC 125AX333M		AD
C-1 C 90	VC1-2251-476		1	ALUMINUM CAP. 47UF 25V		ADR
C-1 C 91	WA8-0135-000		1	VARISTOR MFC 125AX333M		AD
C-1 C 92	VC5-2580-336	1	1	ALUMINUM CAP. 33UF 16V		ADR
C-1 C 93	VC5-1710-102		1	CERAMIC CAP. 1000PF 50V -25/85	*	ADR
C-1 C 94	VC1-2101-105		1 1	ALUMINUM CAP. 1UF 10V FILM CAPACITOR 0.047UF 400V		A. D
C-1 C100 C-1 C101	VC5-1310-473 VC5-1710-102	1		CERAMIC CAP. 1000PF 50V -25/85	*	ADR
C-1 C102	VC5-1710-102		li	CERAMIC CAP. 1000PF 50V -25/85	*	A. D
C-1 C107	WA8-0135-000		l i	VARISTOR MFC 125AX333M		A. D
C-1 C108	WA8-0135-000		li	VARISTOR MFC 125AX333M		A. D
C-1 C109	VC5-3460-330		1	CERAMIC CAP. 33PF 50V -25/80		ADR
C-1 CA 1	VC9-1508-000		1	CAP. ARRAY 100PF 50V X7	*	ABCDEFGHIJKLMNOPQR
C-1 CA 2	VC9-1508-000		1	CAP. ARRAY 100PF 50V X7	*	ABCDEFGHIJKLMNOPQR
	VC5-8700-101		1	CAP. ARRAY 100PF 50V X8		ADR
	VC5-8700-101		1	CAP. ARRAY 100PF 50V X8		ADRR
	VS1-0025-009		1	PIN CONNECTOR 9PIN	*	ABCDEFGHIJKLMNOPQR
100 mm	VS1-0765-036		1	CONNECTOR 36PIN CONNECTOR 20PIN	*	ABCDEFGHIJKLMNOPQR
	VS1-0706-020 VS1-0714-020		1	CONNECTOR 20PIN	*	ABCDEFGHIJKLMNOPQR
	VS1-0714-020 VS1-0727-025			CONNECTOR 25PIN	·r	.BC.EFGHIJKLMNOPQ
	VS1-0727-025		Ιί	CONNECTOR 25PIN		AR.
C-1 CN 6	WS8-0025-000	1	li	CONNECTOR 6PIN (MODULAR JACK)	*	ADR
C-1 ON 7	WS8-0025-000		1	CONNECTOR 6PIN (MODULAR JACK)	*	ADR
	WA1-0068-000	1	i	DIODE 182075K	*	ABCDEFGHIJKLMNOPQR
C-1 D 2	WA1-0068-000		1	DIODE 1S2075K	*	ABCDEFGHIJKLMNOPQR
C-1 D 3	WA1-0068-000		1	DIODE 1S2075K	*	ABCDEFGHIJKLMNOPQR
C-1 D 4	WA1-0068-000		1	DIODE 182075K	*	ABCDEFGHIJKLMNOPQR
C-1 D 5	WA1-0068-000		1	DIODE 1S2075K	*	ABCDEFGHIJKLMNOPQR
C-1 D 6	WA1-0068-000		1 1	DIODE 1S2075K	*	ABCDEFGHIJKLMNOPQR
C-1 D 7	WA1-0630-000		1 !	DIODE EMO1Z		A D
C-1 D 8	WA1-0630-000 WA1-0444-000		1	DIODE EMO1Z		.BC.EFGHIJKLMNOPQ
C-1 D 10 C-1 D 11	WA1-0444-000			DIODE EKO3 DIODE 1S2075K	*	ABCDEFGHIJKLMNOPQR
10-1 0 11	mm 1 =0000 =000	<u> </u>	<u> </u>	DIOL IOCOTOR		THOUSE WILLIAM WITH WITH

C-1. CPU PCB UNIT [COUNTRY CODE AS SHOWN BELOW] COUNTRY CODE:

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FIGURE & KEY NO.	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE ABCDEFGHIJKLMNOPQR
C-1 FB 1	WE8-0012-000		23	DATA LINE FILTER		.BC.EFGHIJKLMNOPQ
C-1 FB 23 C-1 FB 1	WE8-0060-000		15	FERRITE BEAD		AD
C-1 FB 15 C-1 FB 17	WE8-0060-000		8	FERRITE BEAD		ADR
C-1 FB 25 C-1 FB 25 C-1 FB 26 C-1 IC 1 C-1 IC 2 C-1 IC 3 C-1 IC 3 C-1 IC 3 C-1 IC 4 C-1 IC 5 C-1 IC 5 C-1 IC 6 C-1 IC 6 C-1 IC 6 C-1 IC 6 C-1 IC 7 C-1 IC 7 C-1 IC 7 C-1 IC 7 C-1 IC 8 C-1 IC 8 C-1 IC 10 C-1 IC 11 C-1 IC 12 C-1 IC 13 C-1 IC 13 C-1 IC 13 C-1 IC 19 C-1 IC 20 C-1 IC 21	WE8-0012-000 WE8-0012-000 WA3-1847-000 NH7-0097-000 WA9-0058-000 NH7-0099-000 WA9-0058-000 NH7-0100-000 WA9-0058-000 NH7-0100-000 WA9-0058-000 NH7-01019-000 WA9-0058-000 NH7-01019-000 WA9-0058-000 NH7-01019-000 WA9-0058-000 NH7-1019-000 WA9-0058-000 NH7-1019-000 WA9-0058-000 NH7-1021-000 WA9-0058-000 NH7-1021-000 WA9-0058-000		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DATA LINE FILTER DATA LINE FILTER DATA LINE FILTER MOS LSI MC68000P8(CPU) MOS LSI MC68000P8(CPU) MOS LSI MC68000P8(CPU) MOS LSI MC6870512-25(E91U**) IC SOCKET 28PIN MOS LSI MC6870512-25(E93U**) IC SOCKET 28PIN MOS LSI MC6870512-25(E92U**) IC SOCKET 28PIN MOS LSI MC6870512-25(E94U**) IC SOCKET 28PIN MOS LSI MC6301A-C11(MASK ROM) MOS LSI HN62301APC38 MOS LSI HN62301APC38 MOS LSI HN62301APD29 MOS LSI HN62301APD29 MOS LSI MC6301APD29 MC6 LSI MC6301APD29 MC7	******	.BC.EFGHIJKLMNOPQBC.EFGHIJKLMNOPQ. ABCDEFGHIJKLMNOPQR. A.D. R. ABCDEFGHIJKLMNOPQR. A.D. R. A.D. R. ABCDEFGHIJKLMNOPQR. A.D. R. A.D. R. ABCDEFGHIJKLMNOPQR. A.D. R.
C-1 IC 22 3 C-1 IC 29 C-1 IC 30 C-1 IC 31	WA3-3023-000 NH4-5001-000 NH4-5003-000		1 1	MOS LSI MB81464-15 (RAM) MOS LSI UPD65013 CW-276 MOS LSI UPD65012 CW-141	*	ABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQR.
C-1 IC 32 C-1 IC 33 C-1 IC 34 C-1 IC 35	WA3-0894-000 WA3-1197-000 WA3-3048-000 WA4-0722-000		1 1 1 1	TTL IC HO74LS05P TTL IC H074LS132P MOS LSI MC68681(DUART) IC UA1488PC	*	ABCDEFGHIJKLMNOPQR. ABCDEFGHIJKLMNOPQR. ABCDEFGHIJKLMNOPQR. ABCDEFGHIJKLMNOPQR.
C-1 IC 36 C-1 IC 37 C-1 IC 38 C-1 IC 39	WA4-0723-000 WA4-0723-000 WA4-0770-000 WA4-0769-000 WA4-0808-000		1 1 1 1	IC UA1489APC IC UA1489APC MOS LSI S35213 MOS LSI S35212A IC MPC 4558C	* * *	ABCDEFGHIJKLINNOFURABCDEFGHIJKLINNOFURA.DRA.DRA.DR

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FIGURE &	PART NUMBER	RANK	O, IA	DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.				DECOMP FIGH	TICHENIO	ABCDEFGHIJKLMNOPQR
C-1 IC 4	0 WA4-0771-000	i i	1	MOS LSI S2579	*	AD
C-1 IC 4		1	Ιi	IC UPC7905H	*	ABCDEFGHIJKLMNOPQR
C-1 IC 4			li	IC MB3771-M	*	ABCDEFGHIJKLMNOPQR
C-1 IC 4			li	TTL IC 74LS38N	^	.BC.EFGHIJKLMNOPQ
C-1 IC 4						The second secon
C-1 IC 4		l	1	TTL IC HD74LS14P		.BC.EFGHIJKLMNOPQ
C-1 IC10			1	TTL IC 74LS38N		.BC.EFGHIJKLMNOPQ
C-1 K 1			1	TTL IC SN74LS74A RELAY 66E-134P-US		ADRR.
C-1 K 2			1	RELAY 66E-134P-US	*	ADRRRR
C-1 L 1		ļ	1	CHOKE COIL 1UH	*	ABCDEFGHIJKLMNOPQR
C-1 2		l	i	CHOKE COIL 10H		.BC.EFGHIJKLMNOPQ
C-1 L 2			i	FERRITE BEAD		ADR
C-1 L 3			1	CHOKE COIL 1UH		.BC.EFGHIJKLMNOPQ
C-1 L 3		1	1	FERRITE BEAD		A.DR.
C-1 L 4			1	CHOKE COIL 1UH		ABCDEFGHIJKLMNOPQR
C-1 L 5			i	FERRITE BEAD		A.DR
	1 WE8-0060-000		i	FERRITE BEAD		ADR
	2 WE8-0060-000		i	FERRITE BEAD		ADR
	3 WE8-0060-000		i	FERRITE BEAD		ADR
C-1 PC	1 WC8-0150-000		i	RING DETECTOR PC733H	*	ADR
C-1 Q 1	WA2-0876-000		i	TRANSISTOR RN2201	·*·	.BC.EFGHIJKLMNOPQ
C-1 a 1	WA2-0882-000		i	TRANSISTOR RN2206		A. D
C-1 Q 2			i	TRANSISTOR RN1201	*	ADR
C-1 Q 3		ı	i	TRANSISTOR RN1201	*	ADR
C-1 Q 4			i	TRANSISTOR RN1201	*	ABCDEFGHIJKLMNOPQR
C-1 R 1			li	RESISTOR 3.3K OHM 1/4W	*	.BC.EFGHIJKLMNOPQ
C-1 R 1			1	RESISTOR 47K OHM 1/4W	*	A. D
C-1 R 2		1	1	RESISTOR 47K OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 R 3			1	RESISTOR 1K OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 R 4			1	RESISTOR 330 OHM 1/4W		.BC.EFGHIJKLMNOPQ
C-1 R 4	VR5-0043-300		1	METAL RESISTOR 330 OHM 1/4W		A. D
C-1 R 5	VR1-1143-102		l 1	RESISTOR 1K OHM 1/4W	*	.BC.EFGHIJKLMNOPQ
C-1 R 5	VR5-0041-001		1	METAL RESISTOR 1K OHM 1/4W		AD
C-1 R 6	VR1-1143-470		1	RESISTOR 47 OHM 1/4W		.BC.EFGHIJKLMNOPQ
C-1 R 6	VR5-0044-709	ł	1	METAL RESISTOR 47 OHM 1/4W		A. D
C-1 R 7	VR1-1143-102	1	1	RESISTOR 1K OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 R 8			1	RESISTOR 1K OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 R S			1	RESISTOR 1M OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 R 10	VR1-1143-100		9	RESISTOR 10 OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
5						
C-1 R 18						
C-1 R 19	VR1-1143-101		6	RESISTOR 100 OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
5						İ
C-1 R 24						
C-1 R 25			1	RESISTOR 1K OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 R 26			1	RESISTOR 100 OHM 1/4W	*	.BC.EFGHIJKLMNOPQ
C-1 R 27			1	RESISTOR 3.3K OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 R 28			1	METAL RESISTOR 22K OHM 1/4W	*	AD
C-1 R 29			1	METAL RESISTOR 11K OHM 1/4W	*	AOR
C-1 R 30	Control of the Contro		1	METAL RESISTOR 11K OHM 1/4W	*	ADR
C-1 R 31	1500 (150 Mr. St. 1500) 151(50)		1	METAL RESISTOR 16.9K OHM 1/4W		ADR
C-1 R 32			1	METAL RESISTOR 19.1K OHM 1/4W		ADR
C-1 R 33			1	METAL RESISTOR 34K OHM 1/4W		ADR
C-1 R 34	2011 1021 12 12 12 12 12 12 12 12 12 12 12 12 1		1	RESISTOR 47K OHM 1/4W	*	ADR
C-1 R 35			1	RESISTOR 47K OHM 1/4W	*	ADR
C-1 R 36	VR5-2950-100		1	METAL OXIDE RES. 10 OHM 1/2W	*	ADRR
						•

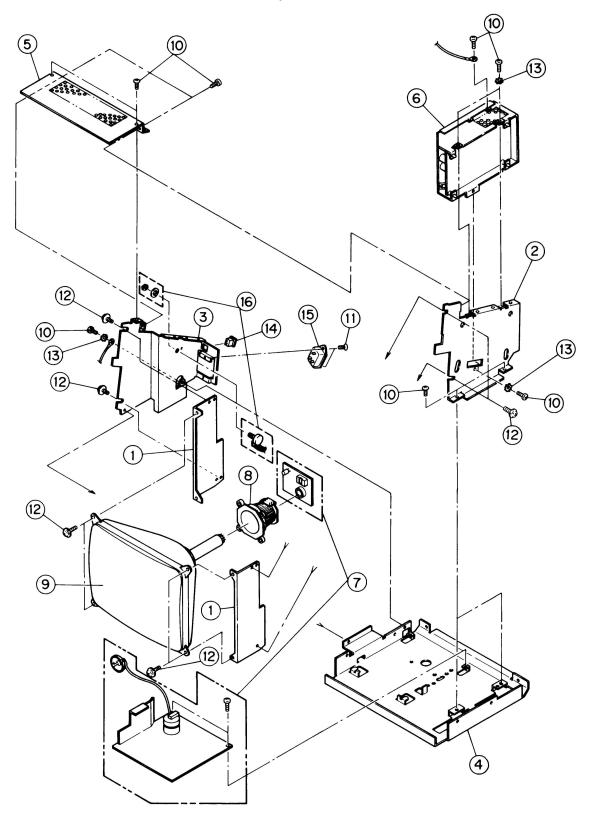
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FIGURE						COUNTRY CODE
& KEY NO.	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	ABCDEFGHIJKLMNOPQR
C-1 R 37	VR5-2950-100		1	METAL OXIDE RES. 10 OHM 1/2W	*	A. D
C-1 R 38	VR5-0044-750		Ιi	METAL RESISTOR 475 OHM 1/4W	*	A. D
C-1 R 39	VR5-0040-223	l	1	METAL RESISTOR 22K OHM 1/4W	*	ADR
C-1 R 40	VR5-0043-322		1	METAL RESISTOR 33.2K OHM 1/4W		ADRR
C-1 R 42	VR5-0040-223		1	METAL RESISTOR 22K OHM 1/4W	*	ADRR
C-1 R 43	VR5-0040-223	1	1	METAL RESISTOR 22K OHM 1/4W	*	ADRR
C-1 R 44	VR5-0041-102	l	1	METAL RESISTOR 11K OHM 1/4W	*	ADRR
C-1 R 45	VR1-1143-106	l	1	RESISTOR 10M OHM 1/4W	*	ADRR
C-1 R 46	VR1-1143-106		1	RESISTOR 10M OHM 1/4W	*	ADR
C-1 R 50	VR5-0048-062	ļ	1	METAL RESISTOR 80.6K OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 R 51	VR5-0042-802	l	1	METAL RESISTOR 28K OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 R 52	VR1-1143-335		1	RESISTOR 3.3M OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 R 53	VR1-1143-475		1	RESISTOR 4.7M OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 R 54	VR1-1143-332		1 1	RESISTOR 3.3K OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 R 55 C-1 R 55	VR1-1143-102		1 1	RESISTOR 1K OHM 1/4W	*	.BC.EFGHIJKLMNOPQ
C-1 R 55 C-1 R 56	VR1-1143-332 VR1-1143-200		1 1	RESISTOR 3.3K OHM 1/4W RESISTOR 20 OHM 1/4W	•	.BC.EFGHIJKLMNOPQ
C-1 R 57	VR1-1143-200	ļ	Ιί	RESISTOR 10K OHM 1/4W		ADRR.
C-1 R100	VR1-1143-103	l	Ιi	RESISTOR 3.3K OHM 1/4W	*	ADR.
C-1 R100	VR1-1143-472		Ιi	RESISTOR 4.7K OHM 1/4W	***	.BC.EFGHIJKLMNOPQ
C-1 R101	VR1-1143-102		Ιi	RESISTOR 1K OHM 1/4W	*	.BC.EFGHIJKLMNOPQ
C-1 R101	VR1-1143-103		Ιi	RESISTOR 10K OHM 1/4W		A. D
C-1 R102	VR1-1143-103	1	Ιi	RESISTOR 10K OHM 1/4W		A. D
C-1 R102	VR1-1143-472	İ	Ιi	RESISTOR 4.7K OHM 1/4W		.BC.EFGHIJKLMNOPQ
C-1 R103	VR1-1143-103		1	RESISTOR 10K OHM 1/4W		A D
C-1 R104	VR1-1143-103		1	RESISTOR 10K OHM 1/4W		ADR
C-1 R105	VR1-1143-103		1	RESISTOR 10K OHM 1/4W		ADR
C-1 R106	VR1-1143-221		1	RESISTOR 220 OHM 1/4W		ADRR
C-1 R200	VR5-0041-102		1	METAL RESISTOR 11K OHM 1/4W	*	ADR
C-1 R201	VR5-0044-222	1	1	METAL RESISTOR 42.2K OHM 1/4W		ADR
C-1 RA 1	VR5-0410-332		1	RESISTOR ARRAY 3.3K OHM 1/8WX7	*	ABCDEFGHIJKLMNOPQR
C-1 RA 2	VR5-0580-101		1 1	RESISTOR ARRAY 100 OHM 1/8WX4		.BC.EFGHIJKLMNOPQ
C-1 RA 3	VR5-0580-101		1 1	RESISTOR ARRAY 100 OHM 1/8WX4		.BC.EFGHIJKLMNOPQ
C-1 RA 4 C-1 RA 5	VR5-0580-101		1 1	RESISTOR ARRAY 100 OHM 1/8WX4		.BC.EFGHIJKLMNOPQ
C-1 RA 5 C-1 RA 6	VR5-0580-101 VR5-0410-102	1		RESISTOR ARRAY 100 OHM 1/8WX4 RESISTOR ARRAY 1K OHM 1/8WX7	*	.BC.EFGHIJKLMNOPQ
C-1 RA 7	VR5-0410-102		li	RESISTOR ARRAY 1K OHM 1/8WX7	*	ABCEEFGHIJKLMNOPQR
C-1 RA 8	VR5-0410-102		Ιi	RESISTOR ARRAY 1K OHM 1/8WX7	*	ABCEEFGHIJKLMNOPQR
C-1 RA 9	VR5-0410-472		Ιi	METAL RESISTOR 4.7K OHM 1/4W	*	ABCDEFGHIJKLMNOPQR
C-1 RA 11	VR5-0580-221		li	RESISTOR ARRAY 220 OHM 1/8W X4		A. D
C-1 RA 12	VR5-0580-221		1	RESISTOR ARRAY 220 OHM 1/8W X4		ADR
C-1 RA 13	VR5-0580-221	1	1	RESISTOR ARRAY 220 OHM 1/8W X4		ADR
C-1 RA 14	VR5-0580-221		1	RESISTOR ARRAY 220 OHM 1/8W X4		ADRR
C-1 RAV	WA8-0129-000		1	SURGE ABSORBER RAV-361LD		ADR
C-1 SVZ 1	WA8-0038-000	1	1	VARISTOR VR-61SS	*	ADR
C-1 SW 1	WC3-0078-000	1	1	SLIDE SWITCH		ABCDEFGHIJKLMNOPQR
C-1 SW 2	WC8-0114-000		1	PUSH SWITCH, SPJ312TE1S		ABCDEFGHIJKLMNOPQR
C-1 T 1	WE1-0028-000		1	POWER TRANSFORMER	*	ADR
C-1 VZ 2	WA8-0040-000		1	VARISTOR SNR-14P470K	*	ADDRECUT IVI MICODO
C-1 X 1 C-1 X 2	WK2-0358-000	1	!	CRYSTAL OSCILLATOR 19.968MHZ	*	ABCDEFGHIJKLMNOPQR
	WK2-0359-000		1 1	CRYSTAL OSCILLATOR 3.6864MHZ	.	.BC.EFGHIJKLMNOPQ
C-1 X 3 C-1 X 4	WK2-0360-000			CRYSTAL OSCILLATOR 2.4576MHZ	*	AD
C-1 ZD 1	WA1-0503-000	1	;	ZENER DIODE HZ3BLL	*	ABCDEFGHIJKLMNOPQR
C-1 ZD 2	WA1-0303-000		Ιί	ZENER DIODE HZ15-2	T	A.DR.
C-1 ZD 3	WA1-0088-000		li	ZENER DIODE HZ15-2		A. D
L	1 0000 000	<u> </u>	<u> </u>		L	

C-2. CRT/POWER SUPPLY UNIT (MATSUSHITA)



C-2. CRT/POWER SUPPLY UNIT [COUNTRY CODE AS SHOWN BELOW]

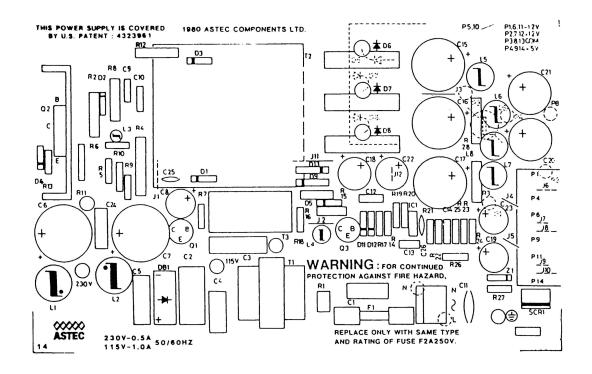
COUNTRY CODE: A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA

B: ASIA F: LATIN(230V) J: NETHERLAND N: U.K. R: JAPAN

C: OCEANIA G: NORWAY K: W.GERMANY 0: SPAIN D: QUEBEC H: DENMARK L: SWITZERLAND P: ITALY

FIGURE & KEY NO.	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE ABCDEFGHIJKLMNOPQR
C-2 1 C-2 2 C-2 3 C-2 4 C-2 5 C-2 6 C-2 7 C-2 8 C-2 9 C-2 10 C-2 11 C-2 12 C-2 13 C-2 14 C-2 15 C-2 16	NY7-6600-000 NY7-6601-000 NY7-6602-000 NY7-6603-000 NY7-6604-000 NY7-6605-000 NY7-6606-000 NY7-6609-000 NY7-6609-000 NY7-6610-000 NY7-6653-000 NY7-6654-000 NY7-6654-000 NY7-6656-000 NY7-6656-000 NY7-6657-000		2 1 1 1 1 1 1 1 13 2 8 3 1 1	HOLDING PLATE, CRT SIDE PLATE (RIGHT) SIDE PLATE (LEFT) CRT CHASSIS SHIELD PLATE POWER SUPPLY UNIT CRT DRIVE PCB UNIT (PPH) DEFLECTION YORK CRT ASSEMBLY SCREW, PH M3X8 SCREW, FTH M3X8 SCREW, M4X8 WASHER POWER SWITCH RECEPTACLE BRIGHTNESS VR.	*********	A

C-3. POWER SUPPLY UNIT



C-3. POWER SUPPLY UNIT [COUNTRY CODE AS SHOWN BELOW]

B: ASIA

COUNTRY CODE: A: USA/CANADA

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA F: LATIN(230V) J: NETHERLAND N: U.K.

C: OCEANIA G: NORWAY K: W.GERMANY D: QUEBEC H: DENMARK L: SWITZERLAND 0: SPAIN P: ITALY

R: JAPAN

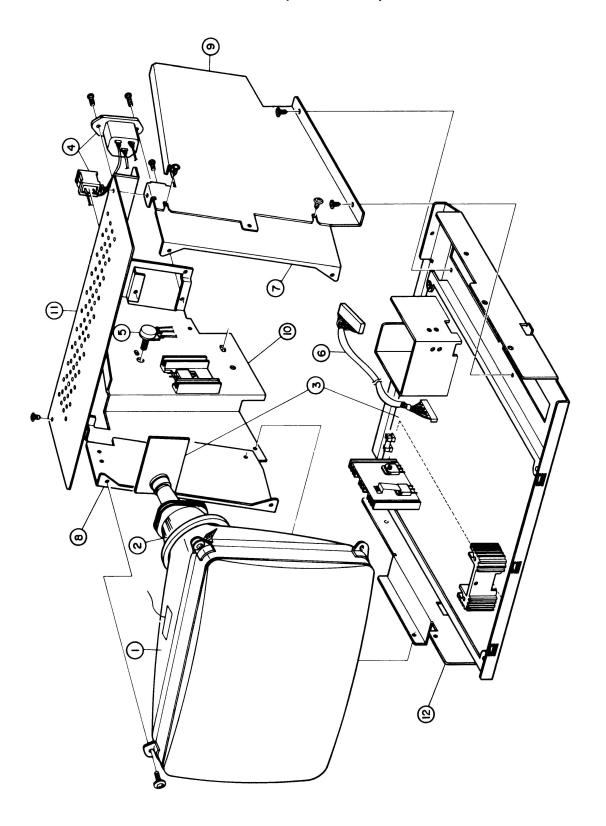
						,
FIGURE & KEY NO.	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE ABCDEFGHIJKLMNOPQR
C-3 C 1 C-3 C 2 C-3 C 3 C-3 C 4 C-3 C 5 C-3 C 6 C-3 C 7 C-3 C 8 C-3 C 9 C-3 C 11 C-3 C 12 C-3 C 13 C-3 C 14 C-3 C 15 C-3 C 16 C-3 C 17 C-3 C 18 C-3 C 20 C-3 C 24	NY7-6620-000 NY7-6618-000 NY7-6611-000 NY7-6611-000 NY7-6613-000 NY7-6613-000 NY7-6649-000 NY7-6619-000 NY7-6619-000 NY7-6614-000 NY7-6614-000 NY7-6614-000 NY7-6614-000 NY7-6614-000 NY7-6614-000 NY7-6614-000 NY7-6614-000		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FILM CAP. 0.01UF 250V FILM CAP. 0.22UF 250V MPR CAP. 4700PF 250V CERAMIC CAP. 4700PF 250V FILM CAP. 0.22UF 250V ALUMINUM CAP. 100UF 250V ALUMINUM CAP. 100UF 250V ALUMINUM CAP. 220UF 10V CERAMIC CAP. 470PF 2KV FILM CAP. 0.01UF 250V FILM CAP. 0.01UF 250V FILM CAP. 0.22UF 100V FILM CAP. 0.22UF 100V FILM CAP. 0.22UF 100V FILM CAP. 1000UF 16V FILM CAP. 1000UF 16V FILM CAP. 1000UF 16V ALUMINUM CAP. 330UF 16V ALUMINUM CAP. 470UF 25V FILM CAP. 0.22UF 250V	*********	A

C-3. POWER SUPPLY UNIT [COUNTRY CODE AS SHOWN BELOW] COUNTRY CODE:

A: USA/CANADA B: ASIA C: OCEANIA D: QUEBEC E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
F: LATIN(230V) J: NETHERLAND N: U.K. R: JAPAN
G: NORWAY K: W.GERMANY O: SPAIN
H: DENMARK L: SWITZERLAND P: ITALY

REYNO. C-3 C 25 N77-6612-000 1 1 CERANIC CAP, 0.01UF 100V * A	FIGURE			01711	05000101101	05140140	COUNTRY CODE
C-3 D 1	1000	PARI NUMBER	RANK	U IY	DESCRIPTION	KEMAKKS	ABCDEFGHIJKLMNOPQR
C-3 0 2 NY7-6628-000 1 DIDDE RPPOM * A	C-3 C 25	NY7-6612-000		1	CERAMIC CAP. 0.01UF 100V	*	A
C-3 0 3 N77-6631-000 1 DIDDE REPORT		WA1-0283-000		1	DIODE V19B	*	A
C-3 D 4 NY7-6630-000 1 DIODE INMODIGE		NY7-6628-000		1			A
C-3 D 5 NY7-6626-000 1 DIODE 1146006		Cooker in the residence the second					A
C-3 D 6 NY7-6646-000 1 DIODE							
C-3 D 7 NY7-6646-000 1 DIODE							
C-3 D 8 NY7-6646-000 1 DIODE RP10B * A					1-1-1-1-1-1-1		
C-3 D 9 S NY7-6629-000 1 DIODE RAPIDB						1.5	Α
C-3 D 111 NY7-6526-000		STORT OF THE STORY OF THE STORY					Λ
C-3 D 12 NY7-6526-000	C-3 D 11						Δ
C-3 D D 13 NY7-6632-000						1.5	A
C-3 B 1 NY7-6623-000					*****	*	A
C-3 IC 1 NY7-6625-000						*	A
C-3 L 3 NY7-6630-000 1 INDUCTOR 2.2UH * A				1		*	A
C-3 L 4 NY7-6640-000	C-3 IC 1	NY7-6625-000		1	IC AS431	*	A
C-3 L 5 NY7-6644-000 1 CHOKE COIL	C-3 L 3	NY7-6639-000		1	INDUCTOR 2.2UH	*	A
C-3 L 6 NY7-6644-000 1 CHOKE COIL				1	INDUCTOR 1.5MH	*	A
C-3 L 7 NY7-6631-000 1 CHOKE COIL			ľ				A
C-3 Q 1		Statement with the statement of the statement		100			A
C-3 Q 2 N77-6624-000			1				A
C-3 R 1 NY7-6634-000				2.5			
C-3 R 2 NY7-6638-000 1 RESISTOR 4 OHM	C-3 Q 2	Activities and appearance in the particular		100			
C-3 R 2 NY7-6634-000		and the second second second second				-	
C-3 R 4 NY7-6657-000			•				
C-3 R 4 NY7-6652-000							A
C-3 R 5 VR1-1143-102			1				A
C-3 R 6		AND AN AMERICAN AND MARKET					Λ
C-3 R 7 VR1-1143-680		Control of the contro			The second secon	=	Δ
C-3 R 8 NY7-6650-000		U 7 4	ļ	27 2			Δ
C-3 R 9 VR1-1143-100		Total II II II II II II II II II II II II II					Α
C-3 R 10						*	A
C-3 R 12 NY7-6636-000				200 1	the second of the second secon	*	A
C-3 R 13	C-3 R 11	NY7-6635-000	1	1	RESISTOR 0.75 OHM 1W	*	A
C-3 R 14 VR1-1143-330		NY7-6636-000		1	RESISTOR 1 OHM 1W	*	A
C-3 R 15 NY7-6651-000							A
C-3 R 16 NY7-6651-000							[A
C-3 R 17 VR1-1143-829	manner agence and the contract						A
C-3 R 18 VR1-1143-561					and the second s		[A
C-3 R 19 VR1-1143-560					The state of the s		Α
C-3 R 20 VR1-1143-680		12 17 17 17 17 17 17 17 17 17 17 17 17 17			to an interest of the second s		Μ
C-3 R 21 VR1-1143-331						~	Λ
C-3 R 22 VR1-1143-471		700 700 700			the state of the s	-	
C-3 R 23					AND THE PARTY OF T		
C-3 R 24 VR1-1143-272				200	The state of the s		
C-3 R 25 VR1-1143-223							
C-3 R 26 VR1-1143-683							
C-3 SCR 1 NY7-6633-000	10.00			1	RESISTOR 68K OHM 1/4W	*	A
C-3 SCR 1 NY7-6633-000 1 THYRISTOR C122U * A	C-3 R 27	VR1-1143-220		1	RESISTOR 22 OHM 1/4W	*	A
C-3 T 2 NY7-6642-000 1 TRANSFORMER * A	C-3 SCR 1	NY7-6633-000		1	THYRISTOR C122U	*	A
C-3 T 3 NY7-6643-000 1 TRANSFORMER * A	1 2 2 1 0	MULTIPLE IN TRANSPORT OF THE PERSON OF THE P		120			
U-3 Z 1 NY7-6627-000				150			
	C-3 Z 1	NY7-6627-000		1	ZENER DIUDE A40MA	*	A

C-4. CRT/POWER SUPPLY UNIT (GOLDSTAR)



C-4. CRT/POWER SUPPLY UNIT (GOLDSTAR) [COUNTRY CODE AS SHOWN BELOW]

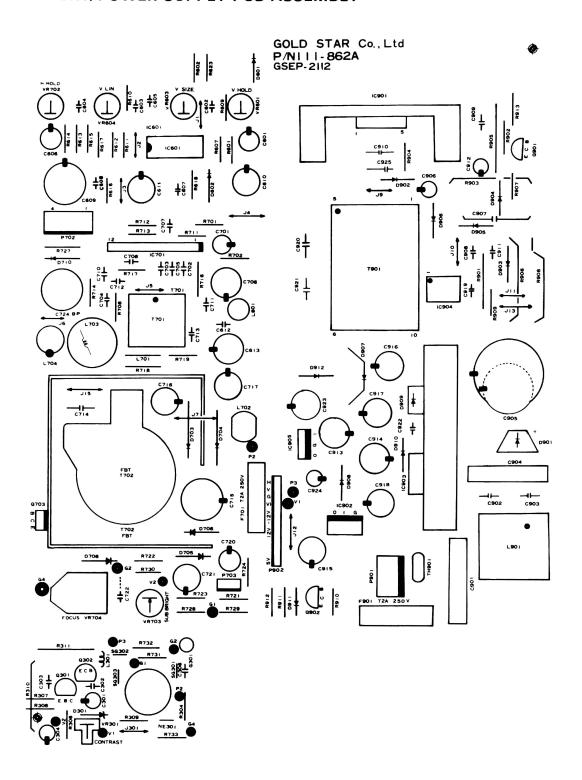
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA

R: JAPAN B: ASIA F: LATIN(230V) J: NETHERLAND N: U.K.

O: SPAIN P: ITALY C: OCEANIA G: NORWAY K: W.GERMANY H: DENMARK D: QUEBEC L: SWITZERLAND

FIGURE & KEY NO.	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE ABCDEFGHIJKLMNOPQR
C-4 1 C-4 2 C-4 3 C-4 4 C-4 5 C-4 6 C-4 7 C-4 8 C-4 9 C-4 10 C-4 11 C-4 12	NY7-0931-000 NY7-0932-000 NY7-0933-000 NY7-0934-000 NY7-0935-000 NY7-0936-000 NY7-0937-000 NY7-0938-000 NY7-0939-000 NY7-0940-000 NY7-0941-000 NY7-0942-000		1 1 1 1 1 1 1 1 1 1	CRT ASSEMBLY DEFLECTION YORK CRT/POWER PCB UNIT (PPH) SWITCH/RECEPTACLE ASSEMBLY BRIGHT VOLUME ASSEMBLY CABLE ASSEMBLY HOLDING PLATE(RIGHT), CRT HOLDING PLATE(LEFT), CRT SIDE PLATE(RIGHT), CRT SIDE PLATE(LEFT), CRT SHIELD PLATE, CRT PCB SUPPORTER ASSEMBLY	* * * * * * * * * * * * * * * * * * * *	A

C-5. CRT/POWER SUPPLY PCB ASSEMBLY



C-5. CRT/POWER SUPPLY PCB ASSEMBLY
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q
B: ASIA F: LATIN(230V) J: NETHERLANDS N: U.K. R
C: OCEANIA G: NORWAY K: W.GERMANY O: SPAIN
D: QUEBEC H: DENWARK L: SWITZERLAND P: ITALY E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAPAN G: NORWAY K: W.GERMANY O: SPAIN H: DENMARK L: SWITZERLAND P: ITALY

FIGURE						COUNTRY CODE
&	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	
KEY NO.						A
C-5 C301	NY7-0810-000		1	ALUMINUM CAP. 47UF 16V		A
C-5 C302	NY7-0828-000		1	CERAMIC CAP. 0.01UF 50V		A
C-5 C303	NY7-0802-000		1	CERAMIC CAP. 100PF		A
C-5 C304	NY7-0820-000		1	ALUMINUM CAP. 2.2UF 100V		A
C-5 C306	NY7-0826-000		1	CERAMIC CAP. 0.0022UF 500V		A
C-5 C601	NY7-0815-000		1	ALUMINUM CAP. 0.1UF 50V		A
C-5 C602	NY7-0862-000		1	FILM CAP. 0.1UF 100V		A
C-5 C603	NY7-0862-000		1	FILM CAP. 0.1UF 100V		A
C-5 C604	NY7-0862-000		1	FILM CAP. 0.1UF 100V		A
C-5 C605	NY7-0804-000		1	CERAMIC CAP. 270PF		A
C-5 C606	NY7-0813-000		1	ALUMINUM CAP. 22UF 25V		A
C-5 C607	NY7-0862-000	l	1	FILM CAP. 0.1UF 100V		A
C-5 C608	NY7-0803-000		1	CERAMIC CAP. 120PF 50V		A
C-5 C609	NY7-0809-000		1	ALUMINUM CAP. 2200UF 16V		A
C-5 C610	NY7-0808-000		1	ALUMINUM CAP. 220UF 16V	l	A
C-5 C611	NY7-0814-000		1	ALUMINUM CAP. 220UF 25V		A
C-5 C612	NY7-0829-000		1	CERAMIC CAP. 0.1UF 50V		A
C-5 C613	NY7-0807-000	1	1	ALUMINUM CAP. 1000UF 16V		A
C-5 C701	NY7-0817-000	1	1	ALUMINUM CAP. 2.2UF 50V		A
C-5 C702	NY7-0831-000	1	1	FILM CAP. 0.015UF 100V		A
C-5 C703	NY7-0831-000	l	1	FILM CAP. 0.015UF 100V		A
C-5 C705	NY7-0828-000		1	CERAMIC CAP. 0.01UF 50V		A
C-5 C706	NY7-0808-000		1	ALUMINUM CAP. 220UF 16V		A
C-5 C707	NY7-0832-000		1	CERAMIC CAP. 0.0022UF		A
C-5 C708	NY7-0860-000		1 1	FILM CAP. 0.0056UF 100V		A
C-5 C710	NY7-0864-000	1	Ιi	FILM CAP. 0.0027UF 100V		A
C-5 C711	NY7-0833-000	1	1	FILM CAP. 0.022UF 100V		A
C-5 C712	NY7-0833-000		1	FILM CAP. 0.022UF 100V		A
C-5 C713	NY7-0834-000		1	FILM CAP. 0.033UF 100V		A
C-5 C714	NY7-0867-000		1	FILM CAP. 0.012UF 400V		A
C-5 C715	NY7-0818-000		1	ALUMINUM CAP. 470UF 50V		A
C-5 C716	NY7-0808-000		1	ALUMINUM CAP. 220UF 16V		A
C-5 C717	NY7-0808-000		1	ALUMINUM CAP. 220UF 16V		A
C-5 C720	NY7-0819-000		1	ALUMINUM CAP. 10UF 100V		A
C-5 C721	NY7-0806-000		1	ALUMINUM CAP. 47UF 100V		A
C-5 C722	NY7-0827-000		1	CERAMIC CAP. 0.01UF 1KV		A
C-5 C724	NY7-0824-000		1	ALUMINUM CAP. 3.3UF 50V		A
C-5 C901	NY7-0859-000	1	1	FILM CAP. 0.1UF 125V		A
C-5 C902	NY7-0836-000	1	li	CERAMIC CAP. 0.0022UF		A
C-5 C903	NY7-0836-000	1	1	CERAMIC CAP. 0.0022UF		A
C-5 C904	NY7-0859-000	1	1	FILM CAP. 0.1UF 125V		A
C-5 C905	NY7-0823-000	1	1	ALUMINUM CAP. 120UF 200V		A
C-5 C906	NY7-0812-000		1	ALUMINUM CAP. 10UF 25V		A
C-5 C907	NY7-0868-000	l	1	FILM CAP. 0.047UF 800V		A
C-5 C908	NY7-0835-000		1	FILM CAP. 0.0047UF 100V		A
C-5 C909	NY7-0861-000		1	FILM CAP. 0.033UF 100V		Α
C-5 C910	NY7-0865-000		1	FILM CAP. 0.047UF 200V		A
C-5 C911	NY7-0861-000		1	FILM CAP. 0.033UF 100V		A
C-5 C912	NY7-0816-000	ł	i	ALUMINUM CAP. 10UF 50V		A
C-5 C913	NY7-0822-000		i	ALUMINUM CAP. 1000UF 25V		A
C-5 C914	NY7-0822-000		1	ALUMINUM CAP. 1000UF 25V		A
C-5 C915	NY7-0811-000		1	ALUMINUM CAP. 470UF 16V		A
C-5 C916	NY7-0821-000		i	ALUMINUM CAP. 1600UF 10V		A
C-5 C917	NY7-0821-000		i	ALUMINUM CAP. 1600UF 10V		A
C-5 C918	NY7-0805-000		li	ALUMINUM CAP. 2200UF 10V		A
C-5 C919	NY7-0833-000	l i	l i	FILM CAP. 0.022UF 100V		A
C-5 C920	NY7-0836-000	l '	i	CERAMIC CAP. 0.0022UF		A
C-5 C921	NY7-0836-000		Ιi	CERAMIC CAP. 0.0022UF		A
C-5 C922	NY7-0804-000		li	CERAMIC CAP. 270PF		Ä
C-5 C923	NY7-0929-000		li	ALUMINUM CAP. 220UF 25V		A
- 3020	1	L	<u></u>	The state of the s	L	

C-5. CRT/POWER SUPPLY PCB ASSEMBLY
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q
B: ASIA F: LATIN(230V) J: NETHERLANDS N: U.K. R
C: OCEANIA G: NORWAY K: W.GERMANY O: SPAIN
D: QUEBEC H: DENMARK L: SWITZERLAND P: ITALY I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY

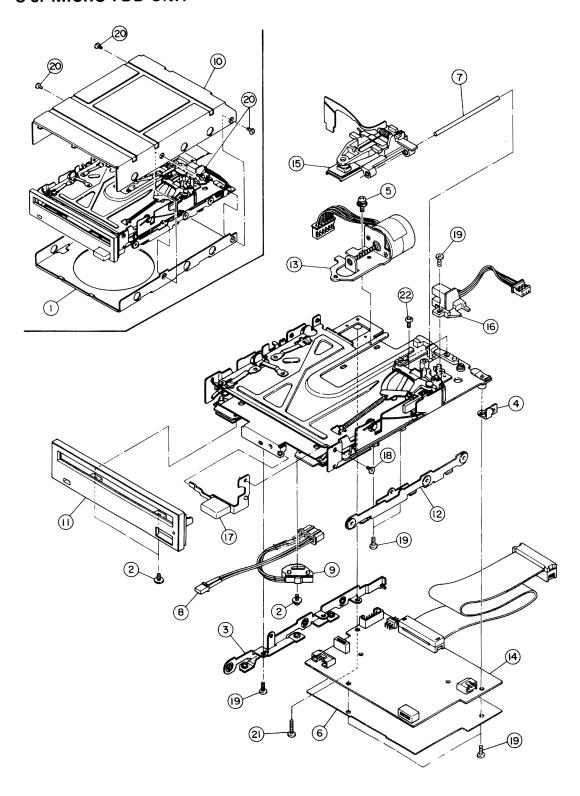
D: MOEBEC	H: DENMAKK		C. 041	IZERLANU P: ITALT		
FIGURE &	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.						A
C-5 C924	NY7-0810-000		1	ALUMINUM CAP. 47UF 16V		٨
C-5 C925	NY7-0866-000		Ιi	FILM CAP. 0.001UF 630V		A
C-5 0301	NY7-0846-000		i	ZENER DIODE 7.0		A
C-5 0601	NY7-0849-000		1	DIODE KDS 1555		A
C-5 D602	NY7-0908-000		l i	DIODE RGP100		A
C-5 D703	NY7-0910-000		1	DIODE RGP 30G		A
C-5 D704	NY7-0910-000		1	DIODE RGP 30G		A
C-5 D705	NY7-0909-000		1	DIOOE RGP10J		A.,
C-5 D706	NY7-0908-000		1	DIODE RGP10D		A
C-5 D708	NY7-0911-000		1	DIODE RGP10M		A
C-5 D710 C-5 D901	NY7-0908-000		1	DIODE RGP10D DIODE RB-156		A
C-5 0901 C-5 0902	NY7-0869-000 NY7-0838-000		1	DIODE ES1F		A
C-5 D903	NY7-0908-000		li	DIODE RGP10D		Δ
C-5 0904	NY7-0908-000		i	DIODE RGP10D		A
C-5 0905	NY7-0908-000		li	DIODE RGP10D		A
C-5 D906	NY7-0908-000		li	DIODE RGP10D		A
C-5 0907	NY7-0837-000		i	DIODE RL4Z		A
C-5 0908	NY7-0908-000		1	DIODE RGP10D		A
C-5 0909	NY7-0918-000		1	DIODE SBS840T		A
C-5 D910	NY7-0908-000	3	1	DIODE RGP10D		A
C-5 0911	NY7-0906-000		1	DIODE ROS 1EB2		A
C-5 0912	NY7-0908-000		!	DIODE RGP10D		A
C-5 F901	NY7-0926-000		1	FUSE 2A250V FUSE 2A250V		A
C-5 F902 C-5 IC601	NY7-0926-000 NY7-0848-000		1 1	IC TDA 1170N (V.DRIVER)		A
C-5 IC701	NY7-0801-000		li	IC AN 5790N (H.DRIVER)		Δ
C-5 IC901	NY7-0925-000		i	IC STR11006		Ä
C-5 IC902	NY7-0841-000		1	IC SI-3122V		A
C-5 IC903	NY7-0847-000		1	IC S1-3522V		A
C-5 IC904	NY7-0843-000		1	IC H11C4		A
C-5 IC905	NY7-0853-000		1	IC L78M12CV		A
C-5 L301	NY7-0863-000		1	COIL 2.2UH		A
C-5 L601	NY7-0927-000		1	CHOKE COIL 10.3UH		A
C-5 L701 C-5 L702	NY7-0830-000 NY7-0825-000			COIL, FERRITE BEAD CHOKE COIL 3.3UH		A A
C-5 L703	NY7-0842-000		ĺi	COIL (H.SIZE)		A
C-5 L704	NY7-0855-000		li	COIL, (H.LIN)		Â
C-5 L901	NY7-0854-000	1	Ιi	COIL, LINE FILTER		A
C-5 NE301	NY7-0928-000		1	NEON LAMP 95V		A
C-5 P702	NY7-0858-000		1	CONNECTOR 4PIN		A
C-5 P703	NY7-0856-000		1	CONNECTOR 3PIN		A
C-5 P901	NY7-0857-000		1	CONNECTOR 2PIN		[A]
C-5 Q301	NY7-0798-000		1	TRANSISTOR 2N3PO4		A
C-5 Q302 C-5 Q703	NY7-0852-000 NY7-0799-000		1	TRANSISTOR KTC2229 TRANSISTOR 2SD1163A		Α
C-5 Q901	NY7-0851-000		1	TRANSISTOR ZSUTIONA TRANSISTOR KTC2120Y		Δ
C-5 Q902	NY7-0850-000		1	TRANSISTOR KTC21201		Δ
C-5 R304	NY7-0894-000		i	RESISTOR 470 OHM 1/8W		A
C-5 R306	NY7-0891-000		i	RESISTOR 33 OHM 1/8W		A
C-5 R307	NY7-0898-000		1	RESISTOR 51 OHM 1/8W		A
C-5 R308	NY7-0871-000		1	RESISTOR 100 OHM 1/8W		A
C-5 R309	NY7-0882-000		1	RESISTOR 220 OHM 1/8W		A
C-5 R310	NY7-0916-000		1	METAL OXIDE RES. 680 OHM 2W		A
C-5 R311	NY7-0913-000		1	METAL OXIDE RES. 300 OHM 1W		A
C-5 R601	NY7-0883-000		1	RESISTOR 22K OHM 1/8W		A
C-5 R602 C-5 R607	NY7-0885-000 NY7-0874-000		1	RESISTOR 2.4K OHM 1/8W RESISTOR 120K OHM 1/8W		A
C-5 R609	NY7-0876-000			RESISTOR 120K OHM 1/8W		A
C-5 R610	NY7-0897-000		1	RESISTOR 470K OHM 1/8W		A
L	1	<u> </u>				

C-5. CRT/POWER SUPPLY PCB ASSEMBLY
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q
B: ASIA F: LATIN(230V) J: NETHERLANDS N: U.K. R
C: OCEANIA G: NORWAY K: W.GERMANY O: SPAIN
D: OLIEREC H: DESIMADA I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY E: LATIN(115V) F: LATIN(230V) G: NORWAY H: DENMARK

D: QUEBEC

FIGURE							
C-5 R612 NY7-0895-000 1 RESISTOR 47K CPM 1/5W A	&	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	
C-5 R612	NET NU.						A
C-5 R612	C E DC11	NV7 0006 000		•	DESTSTOR ATH OUR 1/OW		۸
C-5 R613							********
C-5 R614							A
C-5 R615			i				
C-5 R616			1	8 8			A
C-5			ŀ				A
C-5 R618			•	- 2			A
C-5 RR23			1				[A [
C-5 R701							A
C-5 R702				1			A
C-5 R708				1			A
C-5 R711				1			A
C-5 R712	C-5 R708	NY7-0887-000		1	RESISTOR 24K OHM 1/8W		A
C-5 R713	C-5 R711	NY7-0872-000		1	RESISTOR 1K OHM 1/8W		A
C-5 R716 NY7-0840-000 1 RESISTOR 2.7K O-M 1.78W A	C-5 R712	NY7-0889-000		1	RESISTOR 27K OHM 1/8W		[A]
C-5 R716	C-5 R713	NY7-0878-000		1	RESISTOR 18K OHM 1/8W		A
C-5 R716	C-5 R714	NY7-0888-000		1	RESISTOR 2.7K OHM 1/8W		A
C-5 R717			1	1			A
C-5 R718			1	1 1			A
C-5 R721 NY7-084-000			l				[A]
C-5 R721 NY7-0884-000			ŀ	100			A
C-5 R722				- 6			A
C-5 R723			1	: : :			A
C-5 R724							Δ
C-5 R727 NY7-0905-000				1 .			
C-5 R728							
C-5 R729							
C-5 R730							^
C-5 R731			1				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
C-5 R732							
C-5 R733							M
C-5 R901			l				A
C-5 R902							A
C-5 R903							A
C-5 R904				100			A
C-5 R905 NY7-0914-000 1 METAL OXIDE RESISTOR 15 OHM 2W C-5 R906 NY7-0917-000 1 METAL OXIDE RESISTOR 33 OHM 3W A A C-5 R907 NY7-0879-000 1 METAL OXIDE RESISTOR 33 OHM 3W A A C-5 R908 NY7-0900-000 1 METAL OXIDE RES. 47K OHM 2W A A C-5 R909 NY7-0900-000 1 RESISTOR 56K OHM 1/8W A A C-5 R910 NY7-0804-000 1 RESISTOR 180 OHM 1/8W A A C-5 R911 NY7-0877-000 1 RESISTOR 160 OHM 1/8W A A C-5 R912 NY7-0807-000 1 RESISTOR 160 OHM 1/8W A A C-5 S3301 NY7-0800-000 1 RESISTOR 150K OHM 1/2W A C-5 S3302 NY7-0800-000 1 SPARK GAP A C-5 S3303 NY7-0800-000 1 SPARK GAP A C-5 T701 NY7-0845-000 1 SPARK GAP A C-5 T701 NY7-0845-000 1 TRANSFORMER (H.DRIVER) A C-5 T901 NY7-0930-000 1 TRANSFORMER (F.B.T.) A C-5 T901 NY7-0930-000 1 TRANSFORMER (F.B.T.) A C-5 T901 NY7-0930-000 1 TRANSFORMER (F.B.T.) A C-5 VR301 NY7-0923-000 1 VARIABLE RESISTOR 220K OHM A C-5 VR603 NY7-0920-000 1 VARIABLE RESISTOR 100K OHM A C-5 VR604 NY7-0920-000 1 VARIABLE RESISTOR 100K OHM A C-5 VR702 NY7-0921-000 1 VARIABLE RESISTOR 100K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 100K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 100K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 100K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A C-5 V							A
C-5 R906			j				A
C-5 R907			l				
C-5 R908							A
C-5 R909				21 3			A
C-5 R910				- 6			[A]
C-5 R911			1				[A
C-5 R912							A
C-5 R913			1				[A]
C-5 SG301 NY7-0800-000 1 SPARK GAP A.			l				A
C-5 SG302			1				A
C-5 SG303				1			A
C-5 T701 NY7-0845-000 1 TRANSFORMER (H.DRIVER) A				1	SPARK GAP		A
C-5 T701 NY7-0845-000 1 TRANSFORMER (H.DRIVER) A		NY7-0800-000	i	1	SPARK GAP		A
C-5 T702 NY7-0839-000 1 TRANSFORMER (F.B.T.) A. A. C-5 T901 NY7-0919-000 1 TRANSFORMER A. A. C-5 TH901 NY7-0930-000 1 THERMISTOR A. A. C-5 VR301 NY7-0923-000 1 VARIABLE RESISTOR 470 OHM A. C-5 VR603 NY7-0920-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR604 NY7-0920-000 1 VARIABLE RESISTOR 100K OHM A. C-5 VR702 NY7-0921-000 1 VARIABLE RESISTOR 100K OHM A. C-5 VR702 NY7-0921-000 1 VARIABLE RESISTOR 1K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 120K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A. C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A.	C-5 T701	NY7-0845-000		1			
C-5 T901	C-5 T702		l	1			
C-5 TH901			I				
C-5 VR301			I				
C-5 VR601							
C-5 VR603							
C-5 VR604							
C-5 VR702	C-5 VR604						
C-5 VR703 NY7-0924-000 1 VARIABLE RESISTOR 220K OHM A							
THE THE PARTY OF T			i	8			
		1 5544 550	l	L	77 11 10CC 11COZO1011 V+VIII		

C-6. MICRO FDD UNIT



C-6. MICRO FDD UNIT [COUNTRY CODE AS SHOWN BELOW]

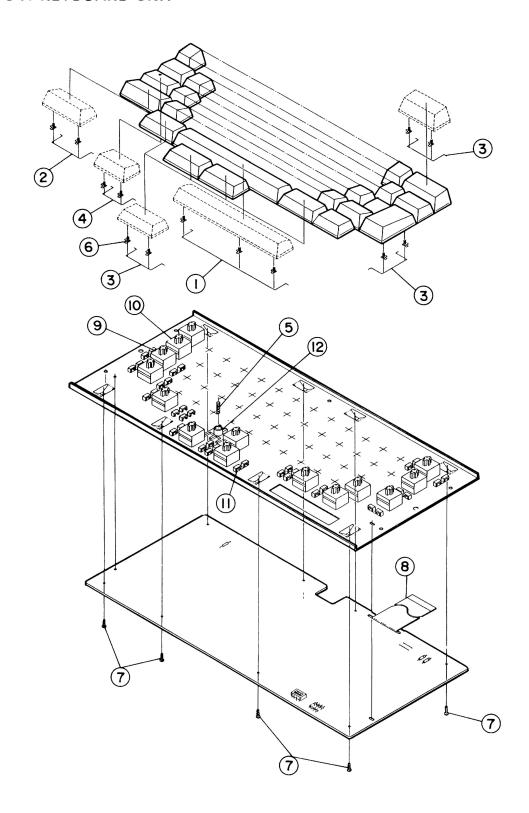
COUNTRY CODE:

A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA B: ASIA F: LATIN(230V) J: NETHERLAND N: U.K. R: JAPAN

B: ASIA C: OCEANIA D: QUEBEC G: NORWAY K: W.GERMANY 0: SPAIN H: DENMARK L: SWITZERLAND P: ITALY

FIGURE & KEY NO.	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE ABCDEFGHIJKLMNOPQR
C-6 1 C-6 2 C-6 3 C-6 4 C-6 5 C-6 6 C-6 7 C-6 8 C-6 9 C-6 10 C-6 11 C-6 12 C-6 12 C-6 15 C-6 16 C-6 17 C-6 18 C-6 19 C-6 20 C-6 21 C-6 22	NY7-9166-000 NY7-9168-000 NY7-9169-000 NY7-9171-000 NY7-9175-000 NY7-9177-000 NY7-9180-000 NY7-9180-000 NY7-9182-000 NY7-9183-000 NY7-9248-000 NY7-9248-000 NY7-9248-000 NY7-9248-000 NY7-9248-000 NY7-9249-000 NY7-9249-000 NY7-9249-000 NY7-9249-000 NY7-928-000		1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BASE CASE SCREW FRAME (LEFT) FRAME (RIGHT.2) SCREW INSULATION SHEET SHAFT, HEAD GUIDE LED ASSEMBLY INDEX SENSOR UPPER CASE FRONT PANEL FRAME (RIGHT.1) HEAD MOTOR ASSEMBLY FDD PCB ASSEMBLY (CEM-3/CU18) HEAD UNIT TRACK.00 SWITCH ASSEMBLY EJECT KNOB ASSEMBLY SCREW, PH M2.6X5 SCREW, PH M2.5X3 SCREW, PH M2.5X8 SCREW, PH M2.5X3.5	* * * * * * * * * * * * * * * * * * * *	ABCDEFGHIJKLMNOPQR. ABCDEFGHIJKLMNOPQR.

C-7. KEYBOARD UNIT



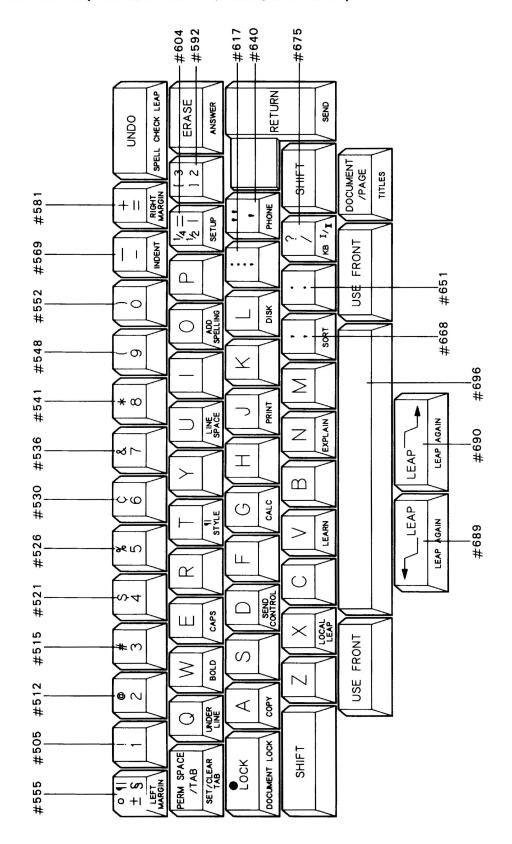
C-7. KEYBOARD UNIT [COUNTRY CODE AS SHOWN BELOW]

COUNTRY CODE: A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA F: LATIN(230V) J: NETHERLAND N: U.K. R: JAPAN B: ASIA

C: OCEANIA G: NORWAY K: W.GERMANY 0: SPAIN D: QUEBEC H: DENMARK L: SWITZERLAND P: ITALY

FIGURE & KEY NO.	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE ABCDEFGHIJKLMNOPQR
C-7 C-7 C-7 1 C-7 2 C-7 3 C-7 4 C-7 5 C-7 6 C-7 6 C-7 7 C-7 8 C-7 9 C-7 10 C-7 10 C-7 11 C-7 11 C-7 12 C-7 R 1	WA1-0068-000 WA1-0068-000 NY7-4555-000 NY7-4556-000 NY7-4558-000 NY7-4559-000 NY7-4560-000 NY7-4561-000 NY7-4563-000 NY7-4564-000 NY7-4564-000 NY7-4564-000 NY7-4565-000 NY7-4565-000 NY7-4565-000 NY7-4566-000 NY7-4566-000		59 61 1 1 6 1 19 17 10 1 1 58 60 18 16 1	DIODE 1S2075 DIODE 1S2075 LEVER (6U) LEVER (2U) LEVER (2U) LEVER (1.75U) SPRING, SPACE KEY LEVER HOLDER LEVER HOLDER SCREW, PH M2.6X6 KEYBOARD CABLE PUSH SWITCH PUSH SWITCH HOOK HOOK GUIDE, SPACE RESISTOR 1K OHM 1/4W	* * * * * * * * * * * * * * * * * * * *	ABCDREFGHIJKLMNOPQABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDREFGHIJKLMNOPQRABCDREFGHIJKLMNOPQRABCDREFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCD

C-8. KEYTOPS (U.S.A./CANADA/ASIA/OCEANIA)



C-8. KEYTOPS (USA/CANADA/ASIA/OCEANIA)

[COUNTRY CODE AS SHOWN BELOW]

COUNTRY CODE:

A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AI

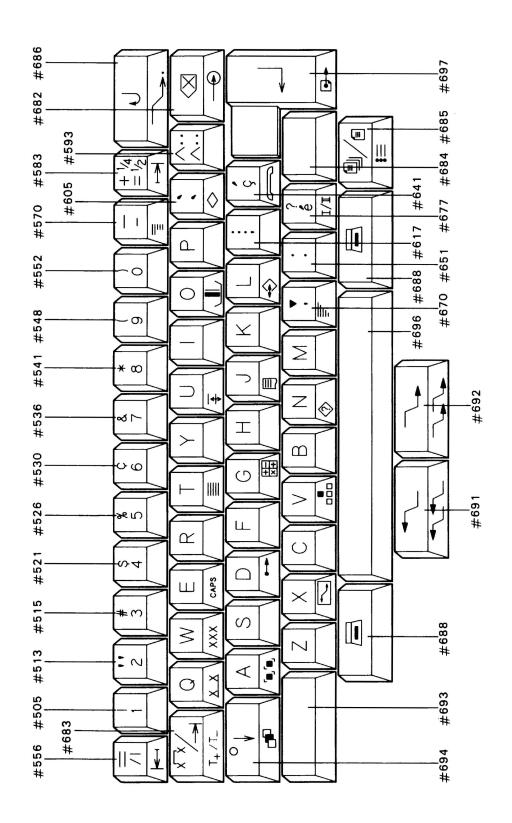
B: ASIA F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAP/

C: OCEANIA G: NORWAY K: W.GERMANY 0: SPAIN E: LATIN(115V) F: LATIN(230V) G: NORWAY H: DENMARK I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY

D: QUEBEC

REY NO. ASCOEFGILIJUMNOPOR. ASCOEFGI	FIGURE &	PART NUMBER	RANK	Q'TY		DESCRIPTION	REMARKS	COUNTRY CODE
C-8		TANT NOMBER	() Parkit	:		DEGOTIT FLOW	TICHETINO	ABCDEFGHIJKLMNOPQR
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C-8			1					
C-8				100		2 - 1 - 5		
C-8			1					
C-8			1	100			1	
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C-8	C-8						*	ABCGHIJNQR
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C-8				191				
C-8				1.0				
C-8 NY7-8029-000 1 KEYTOP (#689) * ABCGHIJN.QR C-8 NY7-8030-000 1 KEYTOP (#690) * ABCGHIJN.QR C-8 NY7-8034-000 1 KEYTOP SHIFT * ABCGHIJN.QR C-8 NY7-8037-000 1 KEYTOP LOCK * ABCGHIJN.QR C-8 NY7-8039-000 1 KEYTOP (#696) * ABCDEFGHIJKLMNOPQR								
C-8 NY7-8030-000 1 KEYTOP (#690) * ABCGHIJN.QR C-8 NY7-8034-000 1 KEYTOP SHIFT * ABCR C-8 NY7-8037-000 1 KEYTOP LOCK * ABCGHIJN.QR C-8 NY7-8039-000 1 KEYTOP (#696) * ABCDEFGHIJKLMNOPQR				1775	KEYTOP			
C-8					KEYTOP		1	
C-8		NY7-8034-000	1	- 3			*	ABCR
C-8			l	1			*	ABCGHIJNQR
					KEYTOP		4	
C-8	C-8	NY7-8040-000		1	KEYTOP	return	*	ABC

C-9. KEYTOPS (QUEBEC)



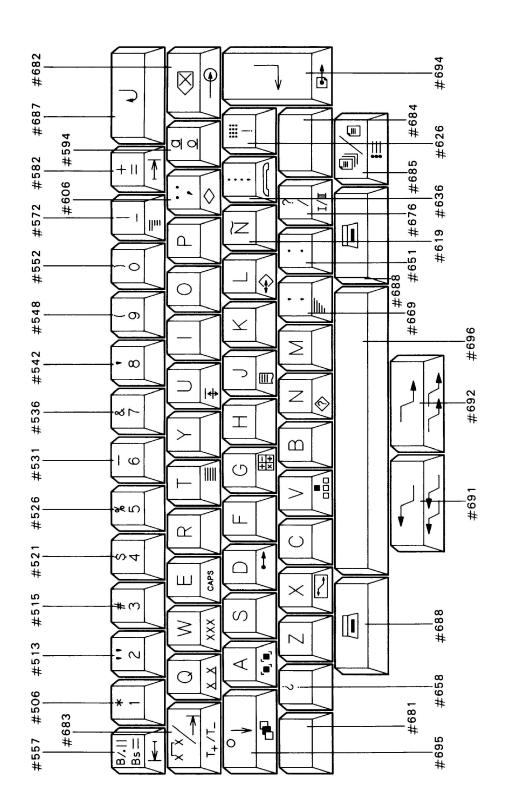
C-9. KEYTOPS (QUEBEC)
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: 1
B: ASIA F: LATIN(230V) J: 1
C: OCEANIA G: NORWAY K: 1
D: OUEREC L: COMMANDE

I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY E: LATIN(115V) F: LATIN(230V) G: NORWAY H: DENMARK

D: QUEBEC

FIGURE &	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.						ABCDEFGHIJKLMNOPQR
C-9	NY7-4790-000		1	KEYTOP (#505)	*	ABCDIJKR
C-9	NY7-4798-000	l	1 1	KEYTOP (#513)	*	DEFGHIJKL.NO.Q
C-9 C-9	NY7-4800-000		1	KEYTOP (#515) KEYTOP (#521)	*	ABCDEFRRR
C-9	NY7-4806-000 NY7-4811-000			KEYTOP (#521) KEYTOP (#526)	*	ABCOEFGHIJKLQR
C-9	NY7-4815-000		li	KEYTOP (#530)	*	ABCD
C-9	NY7-4821-000		l i	KEYTOP (#536)	*	ABCOEFNR
C-9	NY7-4826-000		1	KEYTOP (#541)	*	ABCD
C-9	NY7-4833-000		1	KEYTOP (#548)	*	ABCDEFNR
C-9 C-9	NY7-4837-000 NY7-4841-000		1	KEYTOP (#552) KEYTOP (#556)	*	ABCDEFNR
C-9	NY7-4854-000		Ιi	KEYTOP (#570)	*	D
C-9	NY7-4867-000		li	KEYTOP (#583)	*	D
C-9	NY7-4875-000		1	KEYTOP R	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4876-000		1	KEYTOP Y	*	ABCDEFGHIJMNOPQR
C-9	NY7-4877-000		1	KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-9 C-9	NY7-4879-000 NY7-4883-000		1 1	KEYTOP P KEYTOP (#593)	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4895-000		li	KEYTOP (#333)	*	DEFKLOP
C-9	NY7-4897-000	İ	li	KEYTOP W	*	DEFKLO
C-9	NY7-4898-000		1	KEYTOP E	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4900-000		1	KEYTOP T	*	DEFKLM.OP
C-9	NY7-4902-000		1	KEYTOP U	*	DEFKLM.OP
C-9	NY7-4904-000		1	KEYTOP O	*	DK.M
C-9 C-9	NY7-4908-000 NY7-4920-000		1	KEYTOP (#605) KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4921-000			KEYTOP F	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4922-000		i	KEYTOP H	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4923-000		1	KEYTOP K	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4925-000		1	KEYTOP (#617)	*	ABCDR
C-9 C-9	NY7-4945-000 NY7-4947-000			KEYTOP A KEYTOP D	*	DEFKLOP
C-9	NY7-4949-000		i	KEYTOP G	*	DEF. KLM.OP.
C-9	NY7-4951-000		1	KEYTOP J	*	DEFKLM.OP
C-9	NY7-4953-000		1	KEYTOP L	*	DEFKLM.OP
C-9	NY7-4960-000	l	1	KEYTOP (#641)	*	D
C-9 C-9	NY7-4969-000 NY7-4970-000	l	1 1	KEYTOP Z KEYTOP C	*	ABCDEFGHIJNO.QRABCDEFGHIJKLMNOPQR
C-9	NY7-4971-000		1	KEYTOP B	*	ABCOEFGHIJKLMNOPQR
C-9	NY7-4972-000		Ιί	KEYTOP M	*	ABCDEFGHIJKL.NOPQR
C-9	NY7-4976-000		1	KEYTOP (#651)	*	ABCDEFNQR
C-9	NY7-4994-000		1	KEYTOP X	*	DEFKLM.OP
C-9 C-9	NY7-4996-000	1		KEYTOP V	*	DEFKLM.OP
C-9	NY7-4998-000 NY7-8002-000			KEYTOP N KEYTOP (#670)	* *	DEFKLM.OP
C-9	NY7-8009-000		li	KEYTOP (#677)	*	D
C-9	NY7-8015-000		l i	KEYTOP (#682)	*	DEFKLM.OP
C-9	NY7-8017-000	1	1	KEYTOP (#683)	*	DEFKLM.OP
C-9	NY7-8019-000		1	KEYTOP (#684)	*	DEFKLM.OP
C-9 C-9	NY7-8022-000 NY7-8024-000			KEYTOP (#685) KEYTOP (#686)	*	DEFKLM.OP
C-9	NY7-8024-000		2	KEYTOP (#688)	*	DEFKLM.OP
C-9	NY7-8031-000		1	KEYTOP (#691)	*	DEFKLM.OP
C-9	NY7-8032-000		i	KEYTOP (#692)	*	DEFKLM.OP
C-9	NY7-8033-000		1	KEYTOP (#693)	*	D
C-9	NY7-8038-000		1 1	KEYTOP (#695)	*	ACCRECATIVE MACROS
C-9 C-9	NY7-8039-000 NY7-8041-000			KEYTOP (#696) KEYTOP (#697)	*	ABCDEFGHIJKLMNOPQR
U-3	111-0041-000	L	L	INCLIDE (#031)		D

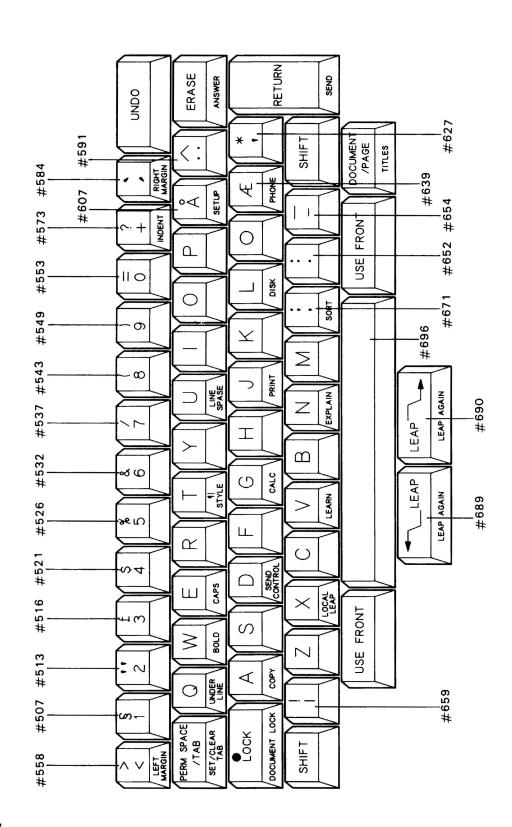
C-10. KEYTOPS (LATIN)



C-10. KEYTOPS (LATIN)
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: 8
B: ASIA F: LATIN(230V) J: 1
C: OCEANIA G: NORWAY K: 1
D: QUEBEC H: DENMARK L: 1 I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY

C-10 N77-479-000 1 KEYTOP (#\$06) *			_				
REY NO.		DADT NIMBED	DVMK	עזים	DESCRIPTION	DEMVDRG	COUNTRY CODE
C-10		PANI NUMBER	NAME		DESCRIPTION	NEMANNO	ABCDEFGHIJKLMNOPQR
C-10	C-10	NY7-4791-000		1	KEYTOP (#506)	*	FFN
C-10 N77-4800-000 1 KEY10P (#815)							
C-10							
C=10 NYT-4811-000 1 KEYTOP (#526) * AGODEFGHILKLOR. C=10 NYT-4821-000 1 KEYTOP (#536) * AGODEFN.R. C=10 NYT-4827-000 1 KEYTOP (#536) * AGODEFN.R. C=10 NYT-4827-000 1 KEYTOP (#548) * AGODEFN.R. C=10 NYT-4833-000 1 KEYTOP (#548) * AGODEFN.R. C=10 NYT-4837-000 1 KEYTOP (#548) * AGODEFN.R. C=10 NYT-4837-000 1 KEYTOP (#557) * EF. C=10 NYT-4836-000 1 KEYTOP (#582) * EF. C=10 NYT-4856-000 1 KEYTOP (#582) * AGODEFN.R. C=10 NYT-4876-000 1 KEYTOP (#582) * EF. C=10 NYT-4876-000 1 KEYTOP (#582) * AGODEFN.R. C=10 NYT-4876-000 1 KEYTOP (#582) * EF. C=10 NYT-4876-000 1 KEYTOP (#582) * AGODEFN.R. C=10 NYT-4876-000 1 KEYTOP (#582) * AGODEFN.R. C=10 NYT-4876-000 1 KEYTOP (#582) * AGODEFGHILM.IMMORGN. C=10 NYT-4878-000 1 KEYTOP I AGODEFGHILM.IMMORGN. C=10 NYT-4878-000 1 KEYTOP D AGODEFGHILM.IMMORGN. C=10 NYT-4878-000 1 KEYTOP D AGODEFGHILM.IMMORGN. C=10 NYT-4888-000 1 KEYTOP D AGODEFGHILM.IMMORGN. C=10 NYT-4887-000 1 KEYTOP D AGODEFGHILM.IMMORGN. C=10 NYT-4897-000 1 KEYTOP D AGODEFGHILM.IMMORGN. C=10 NYT-4898-000 1 KEYT							ARCDEECHT IKI R
C-10						100	ARCDEFCHT.IKI OR.
C-10							
C-10							ABCDEFNB
C-10							FFNN.
C-10 NY7-4837-000	C-10			1		*	ABCDEFNR
C-10 NY7-4856-000	C-10	NY7-4837-000		1	KEYTOP (#552)	*	ABCDEFNR
C-10 MY7-4866-000 1 KEYTOP (#582) * ABODEFGHIJKIMNOPGR. C-10 MY7-4877-000 1 KEYTOP Y ABODEFGHIJKIMNOPGR. C-10 MY7-4878-000 1 KEYTOP Y ABODEFGHIJKIMNOPGR. C-10 MY7-4878-000 1 KEYTOP O * EFGHIJJMOPGR. C-10 MY7-4879-000 1 KEYTOP D * ABODEFGHIJKIMNOPGR. C-10 MY7-4879-000 1 KEYTOP D * ABODEFGHIJKIMNOPGR. C-10 MY7-4889-000 1 KEYTOP D * ABODEFGHIJKIMNOPGR. C-10 MY7-4898-000 1 KEYTOP Q * DEF. KLOP. C-10 MY7-4898-000 1 KEYTOP W * DEF. KLOP. C-10 MY7-4898-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-4909-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-4902-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-4902-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-492-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-492-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-492-000 1 KEYTOP F * ABODEFGHIJKIMNOPGR. C-10 MY7-492-000 1 KEYTOP F * ABODEFGHIJKIMNOPGR. C-10 MY7-492-000 1 KEYTOP F * ABODEFGHIJKIMNOPGR. C-10 MY7-492-000 1 KEYTOP F * ABODEFGHIJKIMNOPGR. C-10 MY7-492-000 1 KEYTOP F * ABODEFGHIJKIMNOPGR. C-10 MY7-492-000 1 KEYTOP F * ABODEFGHIJKIMNOPGR. C-10 MY7-492-000 1 KEYTOP K * ABODEFGHIJKIMNOPGR. C-10 MY7-493-000 1 KEYTOP K * ABODEFGHIJKIMNOPGR. C-10 MY7-493-000 1 KEYTOP K * ABODEFGHIJKIMNOPGR. C-10 MY7-493-000 1 KEYTOP C (#619) * EF. C-10 MY7-493-000 1 KEYTOP C (#626) * DEF. KLOP. C-10 MY7-493-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-493-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-493-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-495-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-495-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-496-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-498-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-498-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-498-000 1 KEYTOP M * ABODEFGHIJKIMNOPGR. C-10 MY7-498-000 1 KEYTOP D * DEF. KLOP. C-10 MY7-498-000 1 KEYTOP M * ABODEFGHIJKIMNOPGR. C-10 MY7-498-000 1 KEYTOP M * DEF. KLOP. C-10 MY7-498-000 1 KEYTOP M * DEF. KLOP. C-10 MY7-498-000 1 KEYTOP M * DEF. KLOP. C-10 MY7-498-000 1 KEYTOP M * DEF. KLOP. C-10 MY7-498-000 1 KEYTOP M * DEF. KLOP. C-10 MY7-498-000 1 KEYTOP M * DEF. KLOP. C-10 MY7-803-000 1 KEYTOP M * DEF. KLOP. C-10 MY7-803	C-10	NY7-4842-000		1 1	KEYTOP (#557)	*	EF
C-10 NY7-4875-000	C-10			1 1		*	EF
C-10 NY7-4875-000	C-10	NY7-4866-000		1	KEYTOP (#582)	*	EF
C-10 NY7-4877-000		NY7-4875-000		1	KEYTOP R	*	ABCDEFGHIJKLMNOPQR
C-10 NY7-4878-000							ABCDEFGHIJMNOPQR
C-10 NY7-4879-000 1 1 KEYTOP P C-10 NY7-4898-000 1 1 KEYTOP Q C-10 NY7-4898-000 1 1 KEYTOP Q C-10 NY7-4898-000 1 1 KEYTOP W C-10 NY7-4898-000 1 1 KEYTOP E C-10 NY7-4898-000 1 1 KEYTOP E C-10 NY7-4998-000 1 1 KEYTOP E C-10 NY7-4902-000 1 1 KEYTOP T C-10 NY7-4902-000 1 1 KEYTOP U C-10 NY7-4902-000 1 1 KEYTOP U C-10 NY7-4902-000 1 1 KEYTOP F C-10 NY7-4920-000 1 1 KEYTOP F C-10 NY7-4921-000 1 1 KEYTOP F C-10 NY7-4921-000 1 1 KEYTOP F C-10 NY7-4921-000 1 1 KEYTOP H C-10 NY7-4921-000 1 1 KEYTOP H C-10 NY7-4921-000 1 1 KEYTOP K C-10 NY7-4921-000 1 1 KEYTOP K C-10 NY7-4921-000 1 1 KEYTOP K C-10 NY7-4921-000 1 1 KEYTOP K C-10 NY7-4931-000 1 KEYTOP (6619) * C-10 NY7-4931-000 1 KEYTOP (6626) * C-10 NY7-4934-000 1 KEYTOP D C-10 NY7-4935-000 1 KEYTOP C C-10 NY7-4935-000 1 KEYTOP C C-10 NY7-4935-000 1 KEYTOP D C-10 NY7-4935-000 1 KEYTOP D C-10 NY7-4935-000 1 KEYTOP C C-10 NY7-4935-000 1 KEYTOP C C-10 NY7-4935-000 1 KEYTOP C C-10 NY7-4936-000 1 KEYTOP M C-10 NY7-8038-000 1							ABCDEFGHIJKLMNOPQR
C-10 NY7-4898-000							
C-10 NY7-4897-000 1 1 KEYTOP Q							ABCDEFGHIJKLMNOPQR
C-10 NY7-4897-000 1 1 KEYTOP W # DEF. KLO. C-10 NY7-490-000 1 1 KEYTOP T # DEF. KLM.OP. C-10 NY7-490-000 1 KEYTOP T # DEF. KLM.OP. C-10 NY7-490-000 1 KEYTOP (#606) # DEF. KLM.OP. C-10 NY7-492-000 1 KEYTOP F # ABCDEFGHIJKI.MNOPOR. C-10 NY7-4921-000 1 KEYTOP F # ABCDEFGHIJKI.MNOPOR. C-10 NY7-4921-000 1 KEYTOP F # ABCDEFGHIJKI.MNOPOR. C-10 NY7-4922-000 1 KEYTOP H # ABCDEFGHIJKI.MNOPOR. C-10 NY7-4921-000 1 KEYTOP H # ABCDEFGHIJKI.MNOPOR. C-10 NY7-4921-000 1 KEYTOP (#619) # DEF. KLM.OP. C-10 NY7-4947-000 1 KEYTOP (#626) # DEF. KLM.OP. C-10 NY7-4947-000 1 KEYTOP A # DEF. KLM.OP. C-10 NY7-4947-000 1 KEYTOP A # DEF. KLM.OP. C-10 NY7-4947-000 1 KEYTOP G # DEF. KLM.OP. C-10 NY7-4948-000 1 KEYTOP G # DEF. KLM.OP. C-10 NY7-4949-000 1 KEYTOP G # DEF. KLM.OP. C-10 NY7-4959-000 1 KEYTOP C # DEF. KLM.OP. C-10 NY7-4969-000 1 KEYTOP C # DEF. KLM.OP. C-10 NY7-4969-000 1 KEYTOP C # ABCDEFGHIJKI.MNOPOR. C-10 NY7-4969-000 1 KEYTOP C # DEF. KLM.OP. C-10 NY7-4969-000 1 KEYTOP D # DEF. KLM.OP. C-10 NY7-4969-000 1 KEYTOP C # ABCDEFGHIJKI.MNOPOR. C-10 NY7-4969-000 1 KEYTOP C # ABCDEFGHIJKI.MNOPOR. C-10 NY7-4969-000 1 KEYTOP B # ABCDEFGHIJKI.MNOPOR. C-10 NY7-4969-000 1 KEYTOP W # ABCDEFGHIJKI.MNOPOR. C-10 NY7-4970-000 1 KEYTOP B # ABCDEFGHIJKI.MNOPOR. C-10 NY7-4970-000 1 KEYTOP W # ABCDEFGHIJKI.MNOPOR. C-10 NY7-4980-000 1 KEYTOP W # DEF. KLM.OP. C-10 NY7-8019-000 1 KEYTOP W # DEF. KLM.OP. C-10 NY7-8030-000 1 KEYTOP W # DEF. KLM.OP. C-10 NY7-8030-000 1 KEYTOP W # DEF. KLM.OP. C-10 NY7-80							EF
C-10							UEFKLUP
C-10 NY7-4909-000							ADDRESOUT IN MICROS
C-10 NY7-4902-000					KETIUP E		
C-10 NY7-4909-000 1 KEYTOP S * ABCDEFGHIJKLMNOPQR. C-10 NY7-4921-000 1 KEYTOP F * ABCDEFGHIJKLMNOPQR. C-10 NY7-4922-000 1 KEYTOP F * ABCDEFGHIJKLMNOPQR. C-10 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLMNOPQR. C-10 NY7-4922-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-10 NY7-4927-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-10 NY7-4927-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-10 NY7-4934-000 1 KEYTOP (#626) * EF. C-10 NY7-4945-000 1 KEYTOP D * DEF. KLM.OP. C-10 NY7-4947-000 1 KEYTOP D * DEF. KLM.OP. C-10 NY7-4945-000 1 KEYTOP J * DEF. KLM.OP. C-10 NY7-4953-000 1 KEYTOP J * DEF. KLM.OP. C-10 NY7-4953-000 1 KEYTOP J * DEF. KLM.OP. C-10 NY7-4955-000 1 KEYTOP J * DEF. KLM.OP. C-10 NY7-4950-000 1 KEYTOP C * ABCDEFGHIJKLMNOPQR. C-10 NY7-4970-000 1 KEYTOP C * ABCDEFGHIJKLMNOPQR. C-10 NY7-4970-000 1 KEYTOP C * ABCDEFGHIJKLMNOPQR. C-10 NY7-4970-000 1 KEYTOP B * ABCDEFGHIJKLMNOPQR. C-10 NY7-4970-000 1 KEYTOP M * ABCDEFGHIJKLMNOPQR. C-10 NY7-4970-000 1 KEYTOP (#651) * ABCDEFGHIJKLMNOPQR. C-10 NY7-4983-000 1 KEYTOP (#652) * EF. C-10 NY7-4998-000 1 KEYTOP (#658) * EF. C-10 NY7-4998-000 1 KEYTOP (#658) * EF. C-10 NY7-4998-000 1 KEYTOP (#658) * EF. C-10 NY7-4998-000 1 KEYTOP (#658) * EF. C-10 NY7-4998-000 1 KEYTOP (#658) * DEF. KLM.OP. C-10 NY7-8018-000 1 KEYTOP (#688) * DEF. KLM.OP. C-10 NY7-8018-000 1 KEYTOP (#688) * DEF. KLM.OP. C-10 NY7-8018-000 1 KEYTOP (#688) * DEF. KLM.OP. C-10 NY7-8018-000 1 KEYTOP (#688) * DEF. KLM.OP. C-10 NY7-8018-000 1 KEYTOP (#688) * DEF. KLM.OP. C-10 NY7-8018-000 1 KEYTOP (#688) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#689) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#689) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#689) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#689) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#689) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#689) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#689) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#689) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#689) * DEF. KLM.OP.							DEE VIM OD
C-10 NY7-4920-000 1 KEYTOP S							
C-10 NY7-492-000							ARCHECUT IVI MNOOOR
C-10 NY7-4923-000							
C-10 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-10 NY7-4927-000 1 KEYTOP (#619) * .EF							
C-10 NY7-4934-000							
C-10 NY7-4934-000							
C-10 NY7-4945-000 1 KEYTOP A					1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		
C-10 NY7-4949-000	C-10	NY7-4945-000		1		*	DEFKlOP
C-10 NY7-4949-000 1 KEYTOP G	C-10	NY7-4947-000		1		*	DEFKLM.OP
C-10				1	KEYTOP G	*	DEFKLM.OP
C-10 NY7-4955-000 1 KEYTOP (#636)							DEFKLM.OP
C-10						1 -	
C-10 NY7-4970-000 1 KEYTOP C							
C-10					KEYTOP Z		ABCDEFGHIJNO.QR
C-10 NY7-4972-000 1 KEYTOP M * ABCDEFGHIJKL.NOPQR. C-10 NY7-4976-000 1 KEYTOP (#651) * ABCDEF. N. QR. C-10 NY7-4983-000 1 KEYTOP (#658) * EF. C.10 NY7-4998-000 1 KEYTOP V * DEF. KLM.OP. C-10 NY7-4998-000 1 KEYTOP N * DEF. KLM.OP. C-10 NY7-8008-000 1 KEYTOP N * DEF. KLM.OP. C-10 NY7-8008-000 1 KEYTOP (#669) * EF. C.10 NY7-8013-000 1 KEYTOP (#681) * EF. KLM.OP. C-10 NY7-8013-000 1 KEYTOP (#681) * DEF. KLM.OP. C-10 NY7-8013-000 1 KEYTOP (#682) * DEF. KLM.OP. C-10 NY7-8013-000 1 KEYTOP (#683) * DEF. KLM.OP. C-10 NY7-8013-000 1 KEYTOP (#683) * DEF. KLM.OP. C-10 NY7-8013-000 1 KEYTOP (#684) * DEF. KLM.OP. C-10 NY7-8013-000 1 KEYTOP (#685) * DEF. KLM.OP. C-10 NY7-8013-000 1 KEYTOP (#6864) * DEF. KLM.OP. C-10 NY7-8013-000 1 KEYTOP (#6867) * DEF. KLM.OP. C-10 NY7-80308-000 1 KEYTOP (#687) * DEF. KLM.OP. C-10 NY7-8031-000 1 KEYTOP (#687) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#688) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#689) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#699) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#699) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#699) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#699) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#699) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#699) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#699) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#699) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#699) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#699) * DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#699) * DEF. KLM.OP.						1.5	
C-10 NY7-4976-000 1 KEYTOP (#651)							
C-10		NY7-4972-000					
C-10 NY7-4994-000 1 KEYTOP X							
C-10 NY7-4996-000 1 KEYTOP * DEF. KLM.OP. C-10 NY7-4998-000 1 KEYTOP N * DEF. KLM.OP. C-10 NY7-8001-000 1 KEYTOP (#669) * EF. C-10 NY7-8013-000 1 KEYTOP (#681) * EF. KLM.OP. C-10 NY7-8015-000 1 KEYTOP (#682) * DEF. KLM.OP. C-10 NY7-8017-000 1 KEYTOP (#683) * DEF. KLM.OP. C-10 NY7-8019-000 1 KEYTOP (#684) * DEF. KLM.OP. C-10 NY7-8020-000 1 KEYTOP (#685) * DEF. KLM.OP. C-10 NY7-8028-000 2 KEYTOP (#687) * EF. KLM.OP. C-10 NY7-8031-000 1 KEYTOP (#688) * DEF. KLM.OP. C-10 NY7-8032-000 1 KEYTOP (#691) * DEF. KLM.OP. C-10 NY7-8033-000 1 KEYTOP (#692) * DEF. KLM.OP.						1.5	
C-10 NY7-4998-000 1 KEYTOP N * DEFKLM.OP							
C-10							DEE KIM OD
C-10 NY7-8008-000 1 KEYTOP (#676) * .EF. KLM.OP. C-10 NY7-8013-000 1 KEYTOP (#681) * .EF. KLM.OP. C-10 NY7-8015-000 1 KEYTOP (#682) * .DEF. KLM.OP. C-10 NY7-8017-000 1 KEYTOP (#683) * .DEF. KLM.OP. C-10 NY7-8019-000 1 KEYTOP (#684) * .DEF. KLM.OP. C-10 NY7-8022-000 1 KEYTOP (#685) * .DEF. KLM.OP. C-10 NY7-8028-000 2 KEYTOP (#688) * .DEF. KLM.OP. C-10 NY7-8031-000 1 KEYTOP (#689) * .DEF. KLM.OP. C-10 NY7-8032-000 1 KEYTOP (#692) * .DEF. KLM.OP. C-10 NY7-8038-000 1 KEYTOP (#694) * .DEF. KLM.OP. </td <td></td> <td></td> <td></td> <td>3 31</td> <td></td> <td></td> <td>FF</td>				3 31			FF
C-10 NY7-8013-000 1 KEYTOP (#681) *				0.00			FF
C-10 NY7-8015-000 1 KEYTOP (#682) *							FFKI M-OP
C-10	C-10				KEYTOP (#682)	1 1	
C-10 NY7-8019-000 1 KEYTOP (#684) * DEFKLM.OP	C-10			i	KEYTOP (#683)		DEFKLM.OP
C-10 NY7-8022-000 1 KEYTOP (#685) * DEFKLM.OP	C-10				KEYTOP (#684)		DEFKLM.OP
C-10 NY7-8026-000 1 KEYTOP (#687)	C-10	NY7-8022-000		0 0			
C-10 NY7-8028-000 2 KEYTOP (#688) * DEFKLM.OP C-10 NY7-8031-000 1 KEYTOP (#691) * DEFKLM.OP C-10 NY7-8032-000 1 KEYTOP (#692) * DEFKLM.OP C-10 NY7-8038-000 1 KEYTOP (#694) * EFKLM.OP C-10 NY7-8038-000 1 KEYTOP (#695) * DEFKLM.OP	C-10	NY7-8026-000			KEYTOP (#687)	*	EFLOP
C-10 NY7-8031-000 1 KEYTOP (#691) * DEFKLM.OP				2	KEYTOP (#688)		DEFKLM.OP
C-10 NY7-8036-000 1 KEYTOP (#694) * EFKLM.OP	C-10				KEYTOP (#691)	*	DEFKLM.OP
C-10 NY7-8038-000 1 KEYTOP (#695) *DEFKLM.OP	C-10						DEFKLM.OP
	C-10						EFKLM.OP
- E-11							DEFKLM.OP
ADDITION OF THE PROPERTY OF TH	U-10	NY7-8039-000		1	KEYTOP (#696)	*	ABCDEFGHIJKLMNOPQR

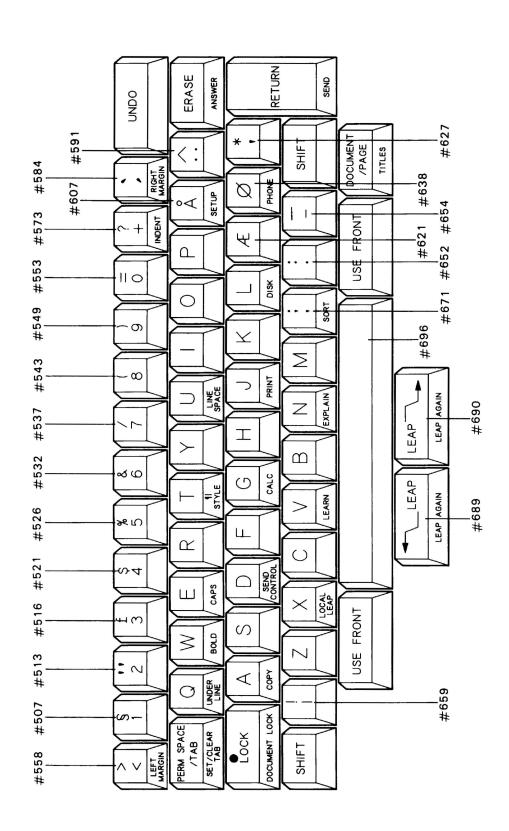
C-11. KEYTOPS (NORWAY)



I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY

FIGURE		<u> </u>	Γ				COUNTRY CODE
&	PART NUMBER	rank	Q'TY		DESCRIPTION	REMARKS	
KEY NO.							ABCDEFGHIJKLMNOPQR
C-11 C-11	NY7-4792-000		1 1	KEYTOP	(#507) (#512)	*	GHDEFGHIJKL.NO.Q
C-11	NY7-4798-000 NY7-4801-000			KEYTOP KEYTOP	(#513) (#516)	*	GHIJ
C-11	NY7-4806-000			KEYTOP	(#521)	*	ABCDEFGHIJKLR
C-11	NY7-4811-000		1 1	KEYTOP	(#526)	*	ABCDEFGHIJKLQR
C-11	NY7-4817-000		1	KEYTOP	(#532) (#537)	*	GHIJKLO.Q
C-11 C-11	NY7-4822-000 NY7-4828-000		1 1	KEYTOP KEYTOP	(#537) (#543)	*	GHIJKLQ.
Č-11	NY7-4834-000		[i	KEYTOP	(#549)	*	GHIJKLQ
C-11	NY7-4838-000		1	KEYTOP	(#553)	*	GHIJKLO.Q
C-11 C-11	NY7-4843-000 NY7-4857-000			KEYTOP KEYTOP	(#558) (#573)	*	GH.JGH.J
C-11	NY7-4857-000 NY7-4868-000			KEYTOP	(#584)	*	GHIQ
C-11	NY7-4875-000		i	KEYTOP	R	*	ABCDEFGHIJKLMNOPQR
C-11	NY7-4876-000		1	KEYTOP	Y	*	ABCDEFGHIJMNOPQR
C-11 C-11	NY7-4877-000 NY7-4878-000			KEYTOP KEYTOP	I	*	ABCDEFGHIJKLMNOPQR
C-11	NY7-4879-000			KEYTOP	P	*	ABCDEFGHIJKLMNOPQR
Č-11	NY7-4881-000		i	KEYTOP	(#591)	*	GH
C-11	NY7-4894-000		1	KEYTOP	Q	*	ABCGHIJNQR
C-11 C-11	NY7-4896-000 NY7-4898-000		1	KEYTOP KEYTOP	W E	*	ABCGHIJNQR
C-11	NY7-4899-000			KEYTOP	Ŧ	*	ABC. GHIJ. N. QR.
C-11	NY7-4901-000		1	KEYTOP	Ú	*	ABCDGHIJNQR
C-11	NY7-4910-000		1	KEYTOP	(#607)	*	GHI
C-11 C-11	NY7-4920-000 NY7-4921-000			KEYTOP KEYTOP	S F	*	ABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQR
C-11	NY7-4922-000		lil	KEYTOP	H	*	ABCDEFGHIJKLMNOPQR
C-11	NY7-4923-000		1	KEYTOP	K	*	ABCDEFGHIJKLMNOPQR
C-11	NY7-4928-000		1	KEYTOP	(#620)	*	G
C-11 C-11	NY7-4935-000 NY7-4944-000		1 1	KEYTOP KEYTOP	(#627) A	*	ABCGHIJNQR
Č-11	NY7-4946-000		l i l	KEYTOP	Ĝ	*	ABC. GHIJ. N. QR.
C-11	NY7-4948-000		1	KEYTOP	G	*	ABCGHIJNQR
C-11	NY7-4950-000		1	KEYTOP	J.	*	ABCGHIJNQR
C-11 C-11	NY7-4952-000 NY7-4958-000		1 1	KEYTOP KEYTOP	L (#639)	*	ABCGHIJNQR
Č-11	NY7-4969-000		ΙiΙ	KEYTOP	Ž	*	ABCDEFGHIJNO.QR
C-11	NY7-4970-000		1	KEYTOP	С	*	ABCDEFGHIJKLMNOPQR
C-11	NY7-4971-000		1	KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-11 C-11	NY7-4972-000 NY7-4977-000			KEYTOP KEYTOP	M (#652)	*	ABCDEFGHIJKL.NOPQRGHIJKL.O
Č-11	NY7-4979-000		1	KEYTOP	(#654)	*	GHIJK
C-11	NY7-4984-000		1 1	KEYTOP	(#659)	*	GH
C-11 C-11	NY7-4993-000		1	KEYTOP	X	*	ABCGHIJNQR
C-11	NY7-4995-000 NY7-4997-000		1 1	KEYTOP KEYTOP	V N	*	ABCGHIJNQRABCGHIJNQR
C-11	NY7-8003-000		i	KEYTOP	(#671)	*	GHIJ
C-11	NY7-8014-000		1 1	KEYTOP	SHIFT	*	GHIJNQ
C-11 C-11	NY7-8016-000		1	KEYTOP		*	ABCGHIJNQR
C-11	NY7-8018-000 NY7-8020-000			KEYTOP KEYTOP	ERASE SHIFT	*	ABCGHIJNQRABCGHIJNQR
C-11	NY7-8021-000		1	KEYTOP	DOCUMENT/PAGE	*	ABCGHIJNQR
C-11	NY7-8025-000		1	KEYTOP	UNDO	*	QHIJQ
C-11 C-11	NY7-8027-000 NY7-8029-000		2	KEYTOP KEYTOP	USE FRONT	*	ABCGHIJNQR
C-11	NY7-8029-000 NY7-8030-000		1	KEYTOP	(#689) (#690)	*	ABCGHIJNQR ABCGHIJNQR
C-11	NY7-8035-000		1	KEYTOP	RETURN	*	GHIJNQ
C-11	NY7-8037-000		1	KEYTOP	LOCK	*	ABCGHIJNQR
C-11	NY7-8039-000		1	KEYT0P	(#696)	*	ABCDEFGHIJKLMNOPQR

C-12. KEYTOPS (DENMARK)

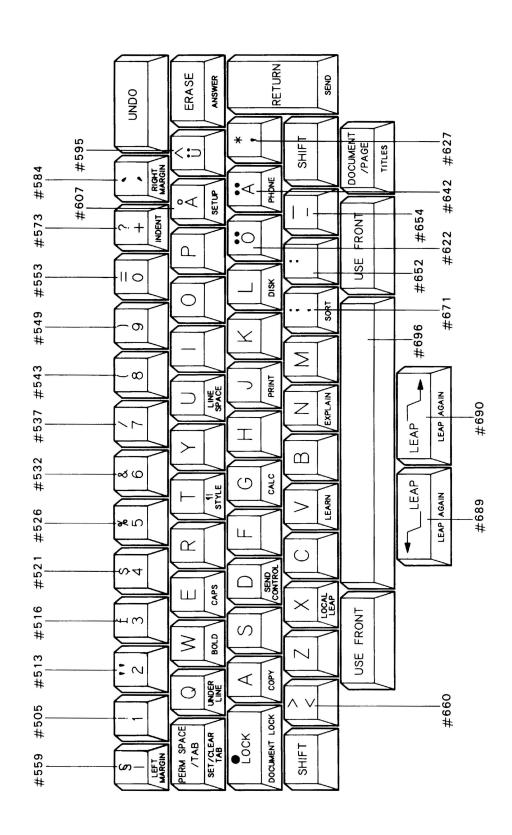


C-12. KEYTOPS (DENMARK)
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: SWED
B: ASIA F: LATIN(230V) J: NETH
C: OCEANIA G: NORWAY K: W.GE
D: QUEBEC H: DENMARK L: SWIT I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY

D: QUEBEC	H: DENMARK	L	.: SWI	TZERLAND P: ITALY			
FIGURE & KEY NO.	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY ABCDEFGHIJKLN	
C-12 C-12	NY7-4792-000 NY7-4798-000		1	KEYTOP (#507) KEYTOP (#513)	*	GH DEFGHIJKL.	NO O
C-12	NY7-4801-000	1	1	KEYTOP (#515)	*	GHIJ	NO. W
Č-12	NY7-4806-000	l l	i	KEYTOP (#521)	*	ABCDEFGHIJKL.	R
C-12	NY7-4811-000		1	KEYTOP (#526)	*	ABCDEFGHIJKLGHIJKL.	QR
C-12	NY7-4817-000		1	KEYTOP (#532)	*	GHIJKL.	.0.Q
C-12	NY7-4822-000	1	1	KEYTOP (#537)	*	GHIJKL.	
C-12 C-12	NY7-4828-000 NY7-4834-000		1	KEYTOP (#543) KEYTOP (#549)	*	GHIJKL.	
C-12	NY7-4838-000	l i	1	KEYTOP (#549)	*	GHIJKL	0.0
Č-12	NY7-4843-000		1	KEYTOP (#558)	*	GH.J	
C-12	NY7-4857-000	1 1	i	KEYTOP (#573)	*	GHI	
C-12	NY7-4868-000	1	1	KEYTOP (#584)	*	GHI	Q
C-12	NY7-4875-000		1	KEYTOP R	*	ABCDEFGHI JKLN	NOPQR
C-12	NY7-4876-000		1	KEYTOP Y	*	ABCOEFGHIJN	
C-12 C-12	NY7-4877-000 NY7-4878-000		1	KEYTOP I KEYTOP O	*	ABCDEFGHIJKLN	
C-12	NY7-4879-000		i	KEYTOP P	*	ABCDEFGHIJKLN	NOPOR
C-12	NY7-4881-000	[]	i	KEYTOP (#591)	*	GH	
C-12	NY7-4894-000		1	KEYTOP Q	*	ABCGHIJ	NQR
C-12	NY7-4896-000		1	KEYTOP W	*	ABCGHIJN	IQR
C-12	NY7-4898-000		1	KEYTOP E	*	ABCDEFCHIJKLN	INOPQR
C-12	NY7-4899-000		1	KEYTOP T	*	ABCGHIJ	
C-12 C-12	NY7-4901-000 NY7-4910-000	1	1	KEYTOP U KEYTOP (#607)	*	ABCOGHIJ	NUK
C-12	NY7-4920-000		i	KEYTOP (#607)	*	ABCDEFGHIJKLN	NOPOR
Č-12	NY7-4921-000	1 1	i	KEYTOP F	*	ABCOEFGHIJKL	
C-12	NY7-4922-000		i	KEYTOP H	*	ABCDEFGHIJKL	
C-12	NY7-4923-000	1	1	KEYTOP K	*	ABCDEFGHIJKU	NOPQR
C-12	NY7-4929-000	1 1	1	KEYTOP (#621)	*		
C-12	NY7-4935-000		1	KEYTOP (#627)	*	GHI	
C-12 C-12	NY7-4944-000 NY7-4946-000		1	KEYTOP A KEYTOP D	*	ABCGHIJ	NUK
C-12	NY7-4948-000		i	KEYTOP G	*	ABC GHIJ	N OR
Č-12	NY7-4950-000		i	KEYTOP J	*	ABCGHIJ	
C-12	NY7-4952-000		i	KEYTOP L	*	ABCGHIJ	NQR
C-12	NY7-4957-000	1 1	1	KEYTOP (#638)	*	1 H	
C-12	NY7-4969-000	1 1	1	KEYTOP Z KEYTOP C	*	ABCDEFGHIJ	
C-12	NY7-4970-000	1 1	1		*	ABCDEFGHIJKLA	
C-12 C-12	NY7-4971-000 NY7-4972-000		1	KEYTOP B	*	ABCDEFGHIJKL	
C-12	NY7-4977-000		i	KEYTOP M KEYTOP (#652)	*	ABCDEFGHIJKL.	norwn
C-12	NY7-4979-000		i	KEYTOP (#654)	*	GHIJK	
C-12	NY7-4984-000		1	KEYTOP (#659)	*	GH	
C-12	NY7-4993-000	1 1	1	KEYTOP X	*	ABCGHIJ	NQR
C-12	NY7-4995-000		1	KEYTOP ∨	*	ABCGHIJ	NQR
C-12	NY7-4997-000		1	KEYTOP N	*	ABCGHIJ	
C-12 C-12	NY7-8003-000		1	KEYTOP (#671)	*	GHIJ	-
C-12	NY7-8014-000 NY7-8016-000	1 1	1	KEYTOP SHIFT KEYTOP PERM SPACE/TAB	*	ABCGHIJ	
C-12	NY7-8018-000		i	KEYTOP ERASE	*	ABCGHIJ	
Č-12	NY7-8020-000		i	KEYTOP SHIFT	*	ABCGHIJ	
C-12	NY7-8021-000		1	KEYTOP DOCUMENT/PAGE	*	ABCGHIJ	NQR
C-12	NY7-8025-000		1	KEYTOP UNDO	*	GHIJ	Q
C-12	NY7-8027-000	1	2	KEYTOP USE FRONT	*	ABCGHIJ	NQR
C-12	NY7-8029-000	1	1	KEYTOP (#689)	*	ABCGHIJ	
C-12 C-12	NY7-8030-000 NY7-8035-000		1	KEYTOP (#690)	*	ABCGHIJ	
C-12	NY7-8035-000		i	KEYTOP RETURN KEYTOP LOCK	*	ABCGHIJ	
C-12	NY7-8039-000		1	KEYTOP (#696)	*	ABCDEFGHIJKLN	
	1.1.1 0000 000		•	("000)		THEODE WITCHE	

C-30

C-13. KEYTOPS (SWEDEN/FINLAND)



I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY

C-13. KEYTOPS (SWEDEN/FINLAND)

[COUNTRY CODE AS SHOWN BELOW]

COUNTRY CODE:

A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAND M:

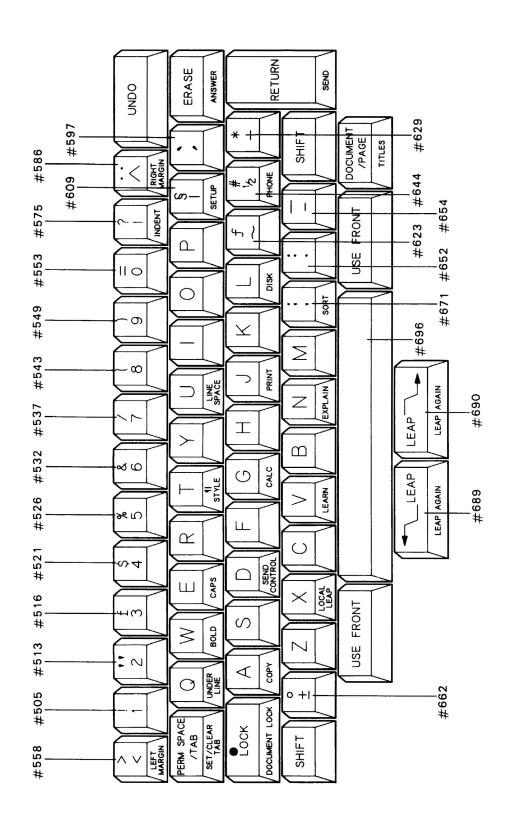
B: ASIA F: LATIN(230V) J: NETHERLANDS N:

C: OCEANIA G: NORWAY K: W.GERWANY 0:

D: QUEBEC H: DENMARK L: SWITZERLAND P:

FIGURE 8 KEY NO. PART NUMBER REWAY. PART NUMBER REWAY. PART NUMBER REWAY. PART NUMBER REWAY. REMARKS RECEPTIJELLANDORS REMARKS REMARKS REMARKS REMARKS REMARKS RECEPTIJELLANDORS REMARKS REMARKS REMARKS REMARKS REMARKS RECEPTIJELLANDORS REMARKS REMARKS REMARKS REMARKS REMARKS RECEPTIJELLANDORS REMARKS REMARKS REMARKS REMARKS REMARKS RECEPTIJELLANDORS REMARKS REMARKS REMARKS REMARKS REMARKS RECEPTIJELLANDORS REMARKS REMARKS REMARKS REMARKS REMARKS RECEPTIJELLANDORS REMARKS REMARKS REMARKS REMARKS REMARKS RECEPTIJELLANDORS REMARKS REMARKS REMARKS REMARKS REMARKS RECEPTIJELLANDORS REMARKS REMARKS REMARKS REMARKS REMARKS RECEPTIJELLANDORS REMARKS REMARKS REMARKS REMARKS REMARKS RECEPTIJELLANDORS REMARKS REMARKS REMARKS REMARKS REMARKS RE							
REY NO.		DAOT NUMBER	DANIK	חידע	05000101104	DEMADIC	COUNTRY CODE
C-13 N77-4790-000 1 KEYTOP (#515) * ABCOIJKR C-13 N77-4809-000 1 KEYTOP (#513) *DEFRIJUKINO.Q C-13 N77-4801-000 1 KEYTOP (#515) * ABCOEFRIJUKIR C-13 N77-4801-000 1 KEYTOP (#521) * ABCOEFRIJUKIR C-13 N77-4811-000 1 KEYTOP (#522) *BIJKQ.R C-13 N77-4812-000 1 KEYTOP (#522) *BIJKQ.R C-13 N77-4822-000 1 KEYTOP (#523) *BIJKQ.R C-13 N77-4823-000 1 KEYTOP (#534) *BIJKQ.R C-13 N77-4823-000 1 KEYTOP (#539) *BIJKQ.R C-13 N77-4834-000 1 KEYTOP (#539) *BIJKQ.R C-13 N77-4838-000 1 KEYTOP (#539) *BIJKQ.R C-13 N77-4838-000 1 KEYTOP (#539) *BIJKQ.R C-13 N77-4838-000 1 KEYTOP (#539) *BIJKQ.R C-13 N77-4875-000 1 KEYTOP (#539) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*854) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*854) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*854) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*854) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*856) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1 KEYTOP (*858) *BIJKQ.R C-13 N77-4878-000 1		PARI NUMBER	KANK	u ir	DESCRIPTION	KEMAKKS	ABCDEFGHIJKLMNOPQR
C-13 NY7-4895-000 1 KEYTOP (#513) *						 	
C-13 NY7-8001-000 1 KETOP (656) * AGCOFFGIJAL							
C-13 NY7-4817-000						1980	
C-13 NY7-4817-000 1 KEYTOP (#562) * ABODEFGHLUKL.On.C. C-13 NY7-4822-000 1 KEYTOP (#532) * GHLUKL.On.C. C-13 NY7-4822-000 1 KEYTOP (#543) * GHLUKL.O.C. C-13 NY7-4834-000 1 KEYTOP (#543) * GHLUKL.O.C. C-13 NY7-4834-000 1 KEYTOP (#549) * GHLUKL.O.C. C-13 NY7-4834-000 1 KEYTOP (#583) * GHLUKL.O.C. C-13 NY7-4834-000 1 KEYTOP (#583) * GHLUKL.O.C. C-13 NY7-4834-000 1 KEYTOP (#583) * GHLUKL.O.C. C-13 NY7-4835-000 1 KEYTOP (#584) * GHLUKL.O.C. C-13 NY7-4875-000 1 KEYTOP (#584) * GHLUK.O.C. C-13 NY7-4875-000 1 KEYTOP (#584) * GHLUK.O.C. C-13 NY7-4875-000 1 KEYTOP (#584) * GHLUK.O.C. C-13 NY7-4876-000 1 KEYTOP (#584) * GHLUK.O.C. C-13 NY7-4876-000 1 KEYTOP Y * ABODEFGHLUK.MOROR. C-13 NY7-4878-000 1 KEYTOP D * GHCHUK.O.C. C-13 NY7-4878-000 1 KEYTOP D * GHCHUK.O.C. C-13 NY7-4885-000 1 KEYTOP D * ABODEFGHLUK.MOROR. C-13 NY7-4885-000 1 KEYTOP D * ABODEFGHLUK.MOROR. C-13 NY7-4885-000 1 KEYTOP D * ABODEFGHLUK.MOROR. C-13 NY7-4885-000 1 KEYTOP D * ABODEFGHLUK.MOROR. C-13 NY7-4889-000 1 KEYTOP D * ABODEFGHLUK.MOROR. C-13 NY7-4898-000 1 KEYTOP D * ABODEFGHLUK.MOROR. C-13 NY7-4898-000 1 KEYTOP D * ABODEFGHLUK.MOROR. C-13 NY7-4899-000 1 KEYTOP D * A			ì				
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C-13 NY7-4897-000	C-13	NY7-4838-000	l	1 1		*	GHIJKLO.Q
C-13 NY7-4878-000 1 KEYTOP Y * ABCOEFGHIJLININ/POR. C-13 NY7-4878-000 1 KEYTOP Y * ABCOEFGHIJLININ/POR. C-13 NY7-4878-000 1 KEYTOP Y * ABCOEFGHIJLININ/POR. C-13 NY7-4878-000 1 KEYTOP O * EFGHIJLININ/POR. C-13 NY7-4878-000 1 KEYTOP O * EFGHIJLININ/POR. C-13 NY7-4878-000 1 KEYTOP O * ABCOEFGHIJLININ/POR. C-13 NY7-4898-000 1 KEYTOP Q * ABCOEFGHIJLININ/POR. C-13 NY7-4898-000 1 KEYTOP W * ABC. GHIJ. N. OR. C-13 NY7-4898-000 1 KEYTOP E * ABCOEFGHIJKININ/POR. C-13 NY7-4898-000 1 KEYTOP E * ABCOEFGHIJKININ/POR. C-13 NY7-4898-000 1 KEYTOP E * ABCOEFGHIJKININ/POR. C-13 NY7-4898-000 1 KEYTOP U * ABC. GHIJ. N. OR. C-13 NY7-4910-000 1 KEYTOP W * ABC. GHIJ. N. OR. C-13 NY7-4910-000 1 KEYTOP W * ABC. GHIJ. N. OR. C-13 NY7-4920-000 1 KEYTOP W * ABC. GHIJ. N. OR. C-13 NY7-4920-000 1 KEYTOP W * ABC. GHIJ. N. OR. C-13 NY7-4920-000 1 KEYTOP W * ABC. GHIJ. N. OR. C-13 NY7-4920-000 1 KEYTOP W * ABC. GHIJ. N. OR. C-13 NY7-4920-000 1 KEYTOP W * ABCOEFGHIJKINNOPOR. C-13 NY7-4920-000 1 KEYTOP W W * ABCOEFGHIJKINNOPOR. C-13 NY7-4920-000 1 KEYTOP D * ABCOEFGHIJKINNOPOR. C-13 NY7-4930-000 1 KEYTOP D * ABCOEFGHIJKINNOPOR. C-13 NY7-4940-000 1 KEYTOP D * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-000 1 KEYTOP D * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-000 1 KEYTOP W W * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-000 1 KEYTOP W W * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-000 1 KEYTOP W * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-000 1 KEYTOP W * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-000 1 KEYTOP W * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-000 1 KEYTOP W * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-000 1 KEYTOP W * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-000 1 KEYTOP W * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-000 1 KEYTOP W * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-000 1 KEYTOP W * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-000 1 KEYTOP W * ABCOEFGHIJKINNOPOR. C-13 NY7-4950-							
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C-13 NY7-4898-000 1 KEYTOP W							
C-13 NY7-4898-000	C-13						ABCGHIJNQR
C-13 NY7-4901-000	C-13				KEYTOP W	*	ABCGHIJNQR
C-13 NY7-4910-000			1		KEYTOP E		
C-13 NY7-4910-000							
C-13 NY7-4920-000							
C-13 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLMNOPOR C-13 NY7-4923-000 1 KEYTOP H * ABCDEFGHIJKLMNOPOR C-13 NY7-4930-000 1 KEYTOP (#622) * ABCDEFGHIJKLMNOPOR C-13 NY7-4930-000 1 KEYTOP (#627) * ABCDEFGHIJKLMNOPOR C-13 NY7-4944-000 1 KEYTOP (#627) * ABC C-13 NY7-4944-000 1 KEYTOP D * ABC C-13 NY7-4948-000 1 KEYTOP D * ABC C-13 NY7-4950-000 1 KEYTOP D * ABC C-13 NY7-4950-000 1 KEYTOP J * ABC C-13 NY7-4950-000 1 KEYTOP J * ABC C-13 NY7-4950-000 1 KEYTOP L * ABC C-13 NY7-4950-000 1 KEYTOP C * ABC C-13 NY7-4950-000 1 KEYTOP D * ABC C-13 NY7-4970-000 1 KEYTOP C * ABCDEFGHIJKLMNOPOR C-13 NY7-4970-000 1 KEYTOP D * ABCDEFGHIJKLMNOPOR C-13 NY7-4970-000 1 KEYTOP D * ABCDEFGHIJKLMNOPOR C-13 NY7-4970-000 1 KEYTOP D * ABCDEFGHIJKLMNOPOR C-13 NY7-4970-000 1 KEYTOP M * ABCDEFGHIJKLMNOPOR C-13 NY7-4970-000 1 KEYTOP M * ABCDEFGHIJKLMNOPOR C-13 NY7-4970-000 1 KEYTOP M * ABCDEFGHIJKLMNOPOR C-13 NY7-4970-000 1 KEYTOP M * ABCDEFGHIJKLMNOPOR C-13 NY7-4970-000 1 KEYTOP M * ABCDEFGHIJKLNOPOR C-13 NY7-4997-000 1 KEYTOP M * ABCDEFGHIJKLNOPOR C-13 NY7-4997-000 1 KEYTOP M * ABCDEFGHIJKLNOPOR C-13 NY7-4997-000 1 KEYTOP N * ABC C-13 NY7-4997-000 1 KEYTOP N * ABC C-13 NY7-4997-000 1 KEYTOP N * ABC C-13 NY7-4997-000 1 KEYTOP BASE * ABC C-13 NY7-8018-000 1 KEYTOP BASE * ABC C-13 NY7-8029-000 1 KEYTOP BASE * ABC C-13 NY7-8030-000 1 KEYTOP BASE * ABC C-13 NY7-8030-000 1							ADODESCHIT IKI AMIODOD
C-13 NY7-4922-000							
C-13 NY7-4930-000		NY7-4922-000					
C-13 NY7-4935-000		NY7-4923-000					
C-13 NY7-4946-000							I.K.
C-13 NY7-4948-000				1	KEYTOP (#627)	*	GHI
C-13 NY7-4948-000			1				ABCGHIJNQR
C-13 NY7-4950-000			ļ				
C-13 NY7-4952-000							
C-13		NY7-4952-000	1				ADC CUTI N OD
C-13							T T
C-13							ABCDFFGHTJNO.QR
C-13	C-13	NY7-4970-000		1	KEYTOP C	*	
C-13				1	KEYTOP B	*	
C-13							
C-13			1				
C-13							1 GHT NK
C-13							ARC CHTI N OD
C-13							ABC. GHT.I. N OR
C-13							ARC. GHILL N. OR.
C-13	C-13					270	GHIJ
C-13					KEYTOP SHIFT	4 *	GHIJNQ
C-13 NY7-8020-000 1 KEYTOP SHIFT	C-13					100	ABCGHIJNQR
C-13	U-13						ABCGHIJNQR
C-13 NY7-8025-000 1 KEYTOP UNDO				(0)			ABUUHIJNUR
C-13 NY7-8027-000 2 KEYTOP USE FRONT * ABCGHIJNQR							CHI I
C-13		NY7-8027-000			KEYTOP USE FRONT		
C-13	C-13	NY7-8029-000					
C-13 NY7-8035-000 1 KEYTOP RETURN *CHIJN.Q	C-13	NY7-8030-000		120			ABCGHIJNQR
		NY7-8035-000			KEYTOP RETURN		
U-13 NY7-8U39-000							
	U-13	NY7-8039-000		1	KEYTOP (#696)	*	ABCDEFGHIJKLMNOPQR

C-14. KEYTOPS (NETHERLANDS)



C-14. KEYTOPS (NETHERLANDS)

[COUNTRY CODE AS SHOWN BELOW]

COUNTRY CODE:

A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAL

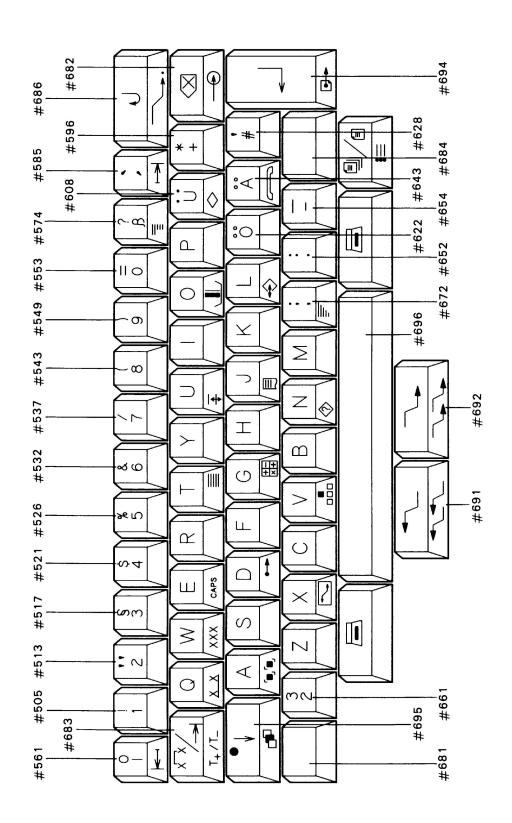
B: ASIA F: LATIN(230V) J: NETHERLANDS

C: OCEANIA G: NORWAY K: W.GERMANY

D: QUEBEC H: DENMARK L: SWITZERLAND I: SWEDEN/FINLAND M: FRANCE
J: NETHERLANDS N: U.K.
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY Q: S.AFRICA R: JAPAN

FIGURE REY NO. PART NUMBER RANK Q'TY DESCRIPTION REMARKS REMARKS ABCDEFGHIJKLIMNOPQR
C-14 NY7-4790-000 1 KEYTOP (#513) * ABCOTJKR. C-14 NY7-4798-000 1 KEYTOP (#513) *
C-14
C-14 NY7-4971-000 1 KEYTOP B * ABCDEFGHIJKLMNOPQR C-14 NY7-4972-000 1 KEYTOP M * ABCDEFGHIJKL.NOPQR C-14 NY7-4977-000 1 KEYTOP (#652) * GHIJKL
C-14 NY7-4972-000 1 KEYTOP M * ABCDEFGHIJKL.NOPQR C-14 NY7-4977-000 1 KEYTOP (#652) * GHIJKLOGHIJKOGHIJKOGHIJKOGHIJKO
C-14 NY7-4977-000 1 KEYTOP (#652) * GHIJKL0
C-14
C-14 NY7-4987-000 1 KEYTOP (#662) *J
C-14
C-14
C-14
C-14 NY7-8014-000
<pre> C-14</pre>
C-14
C-14 NY7-8030-000 1 KEYTOP (#690) * ABCCHIJNQR
C-14 NY7-8035-000 1 KEYTOP RETURN * GHIJNQ
C-14
C-14 NY7-8039-000 1 KEYTOP (#696) * ABCDEFGHIJKLMNOPQR

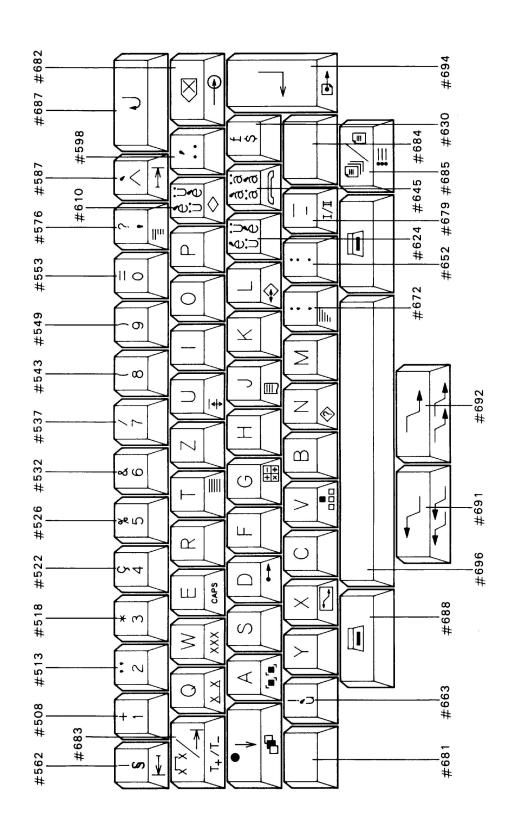
C-15. KEYTOPS (W.GERMANY)



C-15. KEYTOPS (W. GERMANY)
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: SWEDEN/FI
B: ASIA F: LATIN(230V) J: NETHERLAN
C: OCEANIA G: NORWAY K: W.GERMANN
D: QUEBEC H: DENMARK L: SWITZERLA I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY

			r			001517014 0005
FIGURE &	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.	TAIL NOMOCI	THE COLUMN	* ''	ocosti itai	TIGHT TO	ABCDEFGHIJKLMNOPQR
C-15	NY7-4790-000		1	KEYTOP (#505)	*	ABCDIJKR
C-15	NY7-4798-000		1	KEYTOP (#513)	*	DEFGHIJKL.NO.Q
C-15	NY7-4802-000		1 1	KEYTOP (#517)	*	ABCDEFGHIJKLR
C-15 C-15	NY7-4806-000 NY7-4811-000			KEYTOP (#521) KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-15	NY7-4817-000		li	KEYTOP (#532)	*	GHIJKL.O.Q.
C-15	NY7-4822-000		Ιi	KEYTOP (#537)	*	GHIJKL
C-15	NY7-4828-000		1	KEYTOP (#543)	*	GHIJKLQ
C-15	NY7-4834-000		1 1	KEYTOP (#549)	*	GHIJKLQ
C-15	NY7-4838-000 NY7-4845-000			KEYTOP (#553) KEYTOP (#561)	*	GHIJKLO.Q
C-15 C-15	NY7-4858-000			KEYTOP (#561) KEYTOP (#574)	*	
C-15	NY7-4869-000		Ιi	KEYTOP (#585)	*	K
C-15	NY7-4875-000		1	KEYTOP R	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4877-000		1	KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4879-000		1 1	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4880-000		1	KEYTOP Z KEYTOP (#596)	*	KL
C-15 C-15	NY7-4886-000 NY7-4895-000			KEYTOP (#596) KEYTOP Q	*	DEFKLOP
C-15	NY7-4897-000		li	KEYTOP W	*	DEFKLO
Č-15	NY7-4898-000		li	KEYTOP E	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4900-000		1	KEYTOP T	*	DEFKLM.OP
C-15	NY7-4902-000		1	KEYTOP U	*	DEFKLM.OP
C-15 C-15	NY7-4904-000 NY7-4911-000		1	KEYTOP (#608)	*	DK.M
C-15	NY7-4911-000 NY7-4920-000		li	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4921-000		Ιi	KEYTOP F	*	ABCDEFCHIJKLMNOPQR
C-15	NY7-4922-000		1	KEYTOP H	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4923-000		1	KEYTOP K	*	ABCDEFCHIJKLMNOPQR
C-15	NY7-4930-000		1 1	KEYTOP (#622)	*	I.Ķ
C-15 C-15	NY7-4936-000 NY7-4945-000	1		KEYTOP (#628) KEYTOP A	*	KOP
C-15	NY7-4947-000		li	KEYTOP D	*	DEFKLM.OP
C-15	NY7-4949-000		Ιi	KEYTOP G	*	DEF KLM.OP
C-15	NY7-4951-000		1	KEYTOP J	*	DEFKLM.OP
C-15	NY7-4953-000		1	KEYTOP L	*	DEFKLM.OP
C-15 C-15	NY7-4962-000 NY7-4970-000			KEYTOP (#643)	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4971-000		li	KEYTOP C KEYTOP B	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4972-000		li	KEYTOP M	*	ABCDEFGHIJKL.NOPQR
C-15	NY7-4973-000		1	KEYTOP Y	*	KL
C-15	NY7-4977-000		1	KEYTOP (#652)	*	GHIJKL0
C-15	NY7-4979-000		1 1	KEYTOP (#654)	*	GHIJK
C-15 C-15	NY7-4986-000 NY7-4994-000	l		KEYTOP (#661) KEYTOP X	*	K.M
C-15	NY7-4996-000		li	KEYTOP V	*	DEFKLM.OP
C-15	NY7-4998-000		li	KEYTOP N	*	iDEFKLM.OP
C-15	NY7-8004-000		1	KEYTOP (#672)	*	KLO
C-15	NY7-8013-000		1 1	KEYTOP (#681)	*	EFKLM.OP
C-15	NY7-8015-000		1	KEYTOP (#682)	*	DEFKLM.OP
C-15 C-15	NY7-8017-000 NY7-8019-000			KEYTOP (#683) KEYTOP (#684)	*	DEFKLM.OP
C-15	NY7-8022-000		li	KEYTOP (#685)	*	DEFKLM.OP
C-15	NY7-8024-000		Ιi	KEYTOP (#686)	*	DK.M
C-15	NY7-8028-000		2	KEYTOP (#688)	*	DEFKLM.OP
C-15	NY7-8031-000		1	KEYTOP (#691)	*	DEFKLM.OP
C-15	NY7-8032-000		1 1	KEYTOP (#692)	*	DEFKLM.OP
C-15 C-15	NY7-8036-000 NY7-8038-000			KEYTOP (#694) KEYTOP (#695)	*	EFKLM.OP
C-15	NY7-8039-000			KEYTOP (#696)	*	ABCDEFGHIJKLMNOPQR
L."	1 5505 600	<u> </u>	<u> </u>	1.21.01 (007)	<u> </u>	HOUSE GIZONGHOU WINNAMA

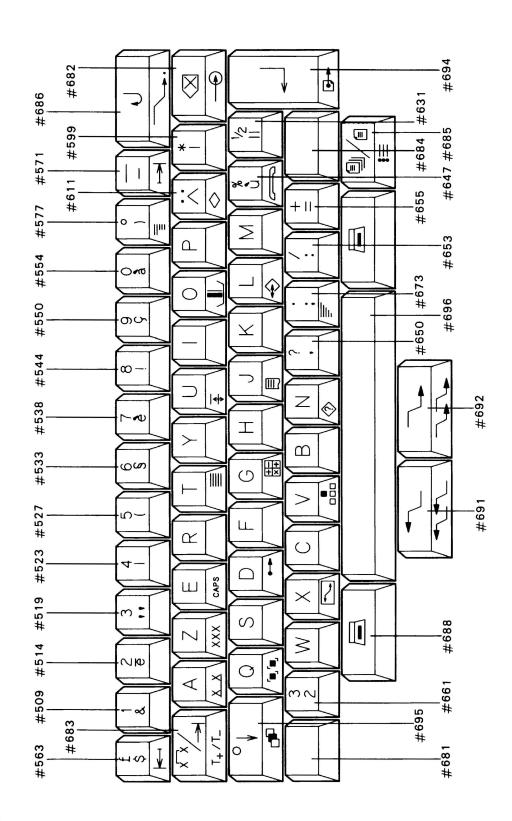
C-16. KEYTOPS (SWITZERLAND)



C-16. KEYTOPS (SWITZERLAND)
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAI
B: ASIA F: LATIN(230V) J: NETHERLANDS
C: OCEANIA G: NORWAY K: W.GERMANY
D: QUEBEC H: DENMARK L: SWITZERLAND I: SWEDEN/FINLAND M: FRANCE
J: NETHERLANDS N: U.K.
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY Q: S.AFRICA R: JAPAN

			· ·		Ŧ .	001 NITTON 0005
FIGURE &	Part Number	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.	PAIN NOMOCH	TOTAL C		besont/1100	HOMEINO	ABCDEFGHIJKLMNOPQR
C-16	NY7-4793-000		1	KEYTOP (#508)	*	Q
C-16	NY7-4798-000		1	KEYTOP (#513)	*	DEFGHIJKL.NO.Q
C-16 C-16	NY7-4803-000 NY7-4807-000		1	KEYTOP (#518) KEYTOP (#522)	*	· · · · · · · · · · · · · · · · · · ·
Č-16	NY7-4811-000		Ιi	KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-16	NY7-4817-000		1	KEYTOP (#532)	*	GHIJKLO.Q
C-16	NY7-4822-000		1 1	KEYTOP (#537)	*	GHIJKLQ.
C-16 C-16	NY7-4828-000 NY7-4834-000		1	KEYTOP (#543) KEYTOP (#549)	*	GHIJKLQ
C-16	NY7-4838-000		Ιi	KEYTOP (#553)	*	GHIJKLO.Q
C-16	NY7-4846-000		1	KEYTOP (#562)	*	
C-16 C-16	NY7-4860-000		1	KEYTOP (#576)	*	· · · · · · · · · ·
C-16	NY7-4871-000 NY7-4875-000		1 1	KEYTOP (#587) KEYTOP R	*	ABCDEFGHIJKLMNOPQR
C-16	NY7-4877-000		1	KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-16	NY7-4878-000		1	KEYTOP O	*	EFGHIJ.LOPQ
C-16	NY7-4879-000		1	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-16 C-16	NY7-4880-000 NY7-4888-000		1 1	KEYTOP Z KEYTOP (#598)	*	KL
C-16	NY7-4895-000		l i	KEYTOP Q	*	DEFKLOP
C-16	NY7-4897-000		1	KEYTOP W	*	DEFKLO
C-16	NY7-4898-000		1	KEYTOP E	*	ABCDEFGHIJKLMNOPQR
C-16 C-16	NY7-4900-000 NY7-4902-000		1	KEYTOP T KEYTOP U	*	DEFKLM.OP
C-16	NY7-4913-000		i	KEYTOP (#610)	*	
C-16	NY7-4920-000		1	KEYTOP S	*	ABCOEFGHIJKLMNOPQR
C-16	NY7-4921-000		1	KEYTOP F	*	ABCOEFGHIJKLMNOPQR
C-16 C-16	NY7-4922-000 NY7-4923-000		1	KEYTOP H KEYTOP K	*	ABCDEFGHIJKLMNOPQR
C-16	NY7-4932-000		1	KEYTOP (#624)	*	ADOUCTOTTUREMNOPOL
C-16	NY7-4938-000		1	KEYTOP (#630)	*	L
C-16	NY7-4945-000		1	KEYTOP A	*	DEFKLOP
C-16 C-16	NY7-4947-000 NY7-4949-000		1	KEYTOP D KEYTOP G	*	DEFKLM.OP
C-16	NY7-4951-000		i	KEYTOP J	*	DEFKLM.OP
C-16	NY7-4953-000		1	KEYTOP L	*	DEFKLM.OP
C-16	NY7-4964-000		1	KEYTOP (#645)	*	400055017 HILLMOOO
C-16 C-16	NY7-4970-000 NY7-4971-000		1	KEYTOP C KEYTOP B	*	ABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQR
C-16	NY7-4972-000		i	KEYTOP M	*	ABCDEFGHIJKL.NOPQR
C-16	NY7-4973-000		1	KEYTOP Y	*	
C-16	NY7-4977-000		1	KEYTOP (#652)	*	GHIJKLO
C-16 C-16	NY7-4988-000 NY7-4994-000		1	KEYTOP (#663) KEYTOP X	*	DEFKLM.OP
C-16	NY7-4996-000		i	KEYTOP V	*	DEFKLM.OP
C-16	NY7-4998-000		1	KEYTOP N	*	DEFKLM.OP
C-16	NY7-8004-000		1	KEYTOP (#672)	*	KĻO
C-16 C-16	NY7-8011-000 NY7-8013-000		1 1	KEYTOP (#679) KEYTOP (#681)	*	EFKLM.OP
C-16	NY7-8015-000		li	KEYTOP (#682)	*	DEF KI M. OP
C-16	NY7-8017-000		1	KEYTOP (#683)	*	DEFKLM.OP
C-16	NY7-8019-000		1	KEYTOP (#684)	*	DEFKLM.OP
C-16 C-16	NY7-8022-000 NY7-8026-000		1	KEYTOP (#685) KEYTOP (#687)	*	DEFKLM.OP
C-16	NY7-8028-000		Ź	KEYTOP (#688)	*	DEFKLM.OP
C-16	NY7-8031-000		1	KEYTOP (#691)	*	DEFKLM.OP
C-16	NY7-8032-000		1	KEYTOP (#692)	*	DEFKLM.OP
C-16 C-16	NY7-8036-000 NY7-8038-000		1	KEYTOP (#694) KEYTOP (#695)	*	EFKLM.OP
C-16	NY7-8039-000		1	KEYTOP (#696)	*	ABCDEFGHIJKLMNOPQR
	0000 000		'	1101 (1100)	I	DOODLI GITOLOGIAOL MILETON

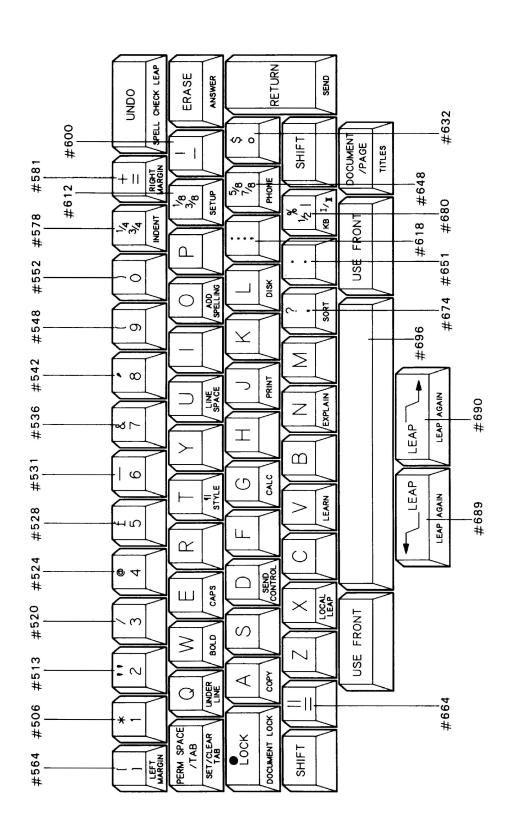
C-17. KEYTOPS (FRANCE)



C-17. KEYTOPS (FRANCE)
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: SW
B: ASIA F: LATIN(230V) J: NE
C: OCEANIA G: NORWAY K: W.
D: QUEBEC H: DENMARK L: SW I: SWEDEN/FINLAND M: FRANCE
J: NETHERLANDS N: U.K.
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY Q: S.AFRICA R: JAPAN

FIGURE &	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE
KEŸ NO.	PANI NUMBER	NAMA	ų II	DESCRIPTION	NEMANNO	ABCDEFGHIJKLMNOPQR
C-17	NY7-4794-000		1	KEYTOP (#509)	*	
C-17	NY7-4799-000		1	KEYTOP (#514)	*	
C-17	NY7-4804-000		1 1	KEYTOP (#519)	*	
C-17	NY7-4808-000		1	KEYTOP (#523)	*	· · · · · · · · · · · · · · · · · · ·
C-17	NY7-4812-000		1	KEYTOP (#527)	*	
C-17 C-17	NY7-4818-000 NY7-4823-000		1 1	KEYTOP (#533) KEYTOP (#538)	*	
C-17	NY7-4829-000			KEYTOP (#538) KEYTOP (#544)	*	
C-17	NY7-4835-000		li	KEYTOP (#550)	*	
C-17	NY7-4839-000		li	KEYTOP (#554)	*	
C-17	NY7-4847-000		1 1	KEYTOP (#563)	*	
C-17	NY7-4855-000		1	KEYTOP (#571)	*	
C-17	NY7-4861-000		1	KEYTOP (#577)	*	
C-17	NY7-4875-000		1	KEYTOP R	*	ABCDEFGHIJKLMNOPQR
C-17	NY7-4876-000		1	KEYTOP Y	*	ABCOEFGHIJMNOPQR
C-17	NY7-4877-000		1	KEYTOP I KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-17 C-17	NY7-4879-000 NY7-4889-000		1 1	KEYTOP (#599)	*	ABCDEFGHIJKLMNOPQR
C-17	NY7-4898-000			KEYTOP E	*	ABCDEFGHIJKLMNOPQR
Č-17	NY7-4900-000		i	KEYTOP T	*	DEF KLM OP
C-17	NY7-4902-000		lil	KEYTOP Ú	*	DEFKLM.OP
C-17	NY7-4904-000		1	KEYTOP O	*	DK.M
C-17	NY7-4905-000		1	KEYTOP Z	*	
C-17	NY7-4906-000		1	KEYTOP A	*	
C-17	NY7-4914-000		1	KEYTOP (#611)	*	
C-17	NY7-4920-000		1	KEYTOP S	*	ABCOEFGHIJKLMNOPQR
C-17 C-17	NY7-4921-000 NY7-4922-000		1 1	KEYTOP F KEYTOP H	*	ABCDEFGHIJKLMNOPQR
C-17	NY7-4923-000		1	KEYTOP K	*	ABCDEFGHIJKLMNOPQR
C-17	NY7-4924-000		1	KEYTOP M	*	
C-17	NY7-4939-000		1 1	KEYTOP (#631)	*	
C-17	NY7-4947-000		1	KEYTOP D	*	DEFKLM.OP
C-17	NY7-4949-000		1	KEYTOP G	*	DEFKLM.OP
C-17	NY7-4951-000		1	KEYTOP J	*	DEFKLM.OP
C-17	NY7-4953-000		1	KEYTOP L	*	DEFKLM.OP
C-17	NY7-4954-000		1	KEYTOP Q	*	
C-17 C-17	NY7-4966-000 NY7-4970-000		1	KEYTOP (#647)	*	ADDOCTOUT IN MICOCO
C-17	NY7-4971-000		1	KEYTOP C KEYTOP B	*	ABCOEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQR
C-17	NY7-4974-000		1	KEYTOP W	*	ADOUCTONIUMENOPUR
Č-17	NY7-4975-000		1	KEYTOP (#650)	*	
C-17	NY7-4978-000		1	KEYTOP (#653)	*	
C-17	NY7-4980-000		1	KEYTOP (#655)	*	
C-17	NY7-4986-000		1	KEYTOP (#661)	*	K . M
C-17	NY7-4994-000		1	KEYTOP X	*	DEFKLM.OP
C-17	NY7-4996-000		1	KEYTOP V	*	DEFKLM.OP
C-17 C-17	NY7-4998-000		1	KEYTOP N	*	DEFKLM.OP
C-17	NY7-8005-000 NY7-8013-000		1	KEYTOP (#673) KEYTOP (#681)	*	EFKLM.OP
C-17	NY7-8015-000			KEYTOP (#681)	*	DEFKLM.OP
Č-17	NY7-8017-000		li	KEYTOP (#683)	*	DEFKLM.OP
Č-17	NY7-8019-000		i	KEYTOP (#684)	*	DEFKLM.OP
C-17	NY7-8022-000		1	KEYTOP (#685)	*	DEFKLM.OP
C-17	NY7-8024-000		1	KEYTOP (#686)	*	DK.M
C-17	NY7-8028-000		2	KEYTOP (#688)	*	DEFKLM.OP
C-17	NY7-8031-000		1 1	KEYTOP (#691)	*	DEFKLM.OP
C-17	NY7-8032-000		1	KEYTOP (#692)	*	DEFKLM.OP
C-17 C-17	NY7-8036-000 NY7-8038-000		1	KEYTOP (#694) KEYTOP (#695)	*	EFKLM.OP
C-17	NY7-8039-000		1	KEYTOP (#695) KEYTOP (#696)	*	ARCHECUT IKI MANDOOD
U 11	1111-0000-000			NETTOF (#030)	T	ABCDEFGHIJKLMNOPQR

C-18. KEYTOPS (U.K.)

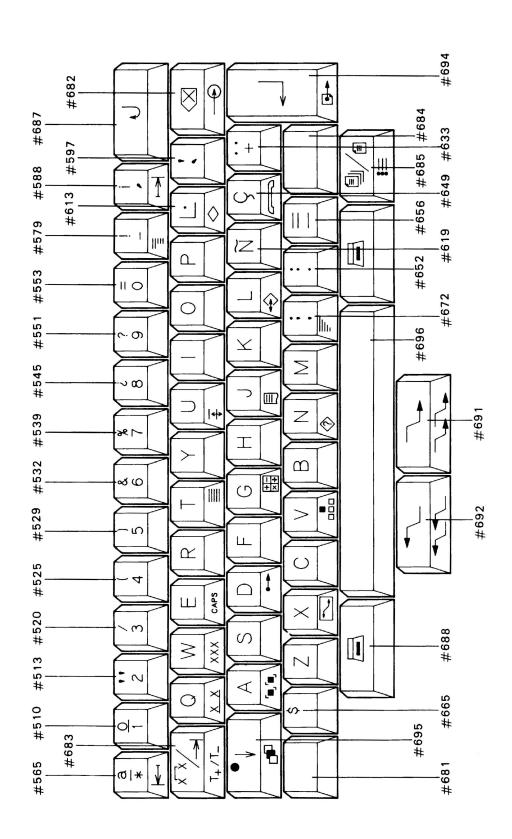


C-18. KEYTOPS (U.K.)
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I
B: ASIA F: LATIN(230V) J
C: OCEANIA G: NORWAY K
D: QUEBEC H: DENMARK L

I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY

FIGURE &	PART NUMBER	RANK	Q'TY		DESCRIPTION	REMARKS	COUNTRY CODE
KEŸ NO.	THII NUMBER	THE STATE OF THE S			DEGOTIF FIGN	numino.	ABCDEFGHIJKLMNOPQR
C-18	NY7-4791-000		1	KEYTOP	(#506)	*	EFN
C-18	NY7-4798-000	1	1	KEYTOP	(#513)	*	DEFGHIJKL.NO.Q
C-18	NY7-4805-000		1	KEYTOP	(#520)	*	NO
C-18	NY7-4809-000	ł	1	KEYTOP	(#524)	*	Q
C-18	NY7-4813-000	!	1	KEYTOP	(#528)	*	
C-18	NY7-4816-000		1	KEYTOP	(#531)	*	EFN
C-18	NY7-4821-000		1	KEYTOP	(#536)	*	ABCDEFNR
C-18	NY7-4827-000		1	KEYTOP	(#542)	*	EFN
C-18	NY7-4833-000		1	KEYTOP	(#548)	*	ABCDEFNR
C-18	NY7-4837-000		1	KEYTOP	(#552)	*	ABCDEF
C-18	NY7-4848-000		1	KEYTOP	(#564)	*	
C-18	NY7-4862-000		1	KEYTOP	(#578)	*	N
C-18	NY7-4865-000		1	KEYTOP	(#581)	*	ABC
C-18	NY7-4875-000		1	KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4876-000		1	KEYTOP	Y	*	ABCDEFCHIJMNOPQR
C-18 C-18	NY7-4877-000		1	KEYTOP	I	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4879-000 NY7-4890-000		1	KEYTOP	P (#600)	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4894-000		1	KEYTOP KEYTOP	(#600) Q	*	ABCGHIJNQR
C-18	NY7-4896-000		1	KEYTOP	₩ ₩	*	ABCGHIJNQR
C-18	NY7-4898-000		i	KEYTOP	Ĕ	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4899-000		1	KEYTOP	Ť	*	ABC. GHIJ. N. QR.
C-18	NY7-4901-000		i	KEYTOP	ΰ	*	ABCDGHIJNQR
C-18	NY7-4903-000		1	KEYTOP	ŏ	*	ABCNR
C-18	NY7-4915-000		1	KEYTOP	(#612)	*	NN
C-18	NY7-4920-000		i	KEYTOP	S	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4921-000		1	KEYTOP	Ē	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4922-000		1	KEYTOP	Ĥ	*	ABCOEFGHIJKLMNOPQR
C-18	NY7-4923-000		1	KEYTOP	K	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4926-000		1	KEYTOP	(#618)	*	NN
C-18	NY7-4940-000		1	KEYTOP	(#632)	*	N
C-18	NY7-4944-000		1	KEYTOP	Α	*	ABCGHIJNQR
C-18	NY7-4946-000		1	KEYTOP	D	*	ABCGHIJNQR
C-18	NY7-4948-000		1	KEYTOP	Ģ	*	ABCGHIJNQR
C-18	NY7-4950-000		1	KEYTOP	با	*	ABCGHIJNQR
C-18 C-18	NY7-4952-000		1	KEYTOP	(4040)	*	ABCGHIJNQR
C-18	NY7-4967-000		1	KEYTOP	(#648)	*	ABCDEFGHIJNO.QR
C-18	NY7-4969-000 NY7-4970-000		1	KEYTOP KEYTOP	Z C	*	
C-18	NY7-4971-000		1	KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4972-000		1	KEYTOP	M	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4976-000		1	KEYTOP	(#651)	*	ABCDEF N. QR.
C-18	NY7-4989-000		i	KEYTOP	(#664)	*	N. W.
C-18	NY7-4993-000		i	KEYTOP	X	*	ABCGHIJNQR
C-18	NY7-4995-000		í	KEYTOP	Ŷ	*	ABCGHIJNQR
C-18	NY7-4997-000		1	KEYTOP	Ň	*	ABCGHIJNQR
C-18	NY7-8006-000		1	KEYTOP	(#674)	*	N
C-18	NY7-8012-000		1	KEYTOP	(#680)	*	
C-18	NY7-8014-000		1	KEYTOP	SHIFT	*	GHIJNQ
C-18	NY7-8016-000		1	KEYTOP	PERM SPACE/TAB	*	ABCGHIJNQR
C-18	NY7-8018-000		1	KEYTOP	ERASE	*	ABCGHIJNQR
C-18	NY7-8020-000		1	KEYTOP	SHIFT	*	ABCGHIJNQR
C-18	NY7-8021-000		1	KEYTOP	DOCUMENT/PAGE	*	ABCGHIJNQR
C-18	NY7-8023-000		1	KEYTOP	UNDO	*	ABC
C-18	NY7-8027-000		2	KEYTOP	USE FRONT	*	ABCGHIJNQR
C-18	NY7-8029-000		1	KEYTOP	(#689) (#600)	*	ABCGHIJNQR
C-18 C-18	NY7-8030-000 NY7-8035-000		1	KEYTOP	(#690)	*	ABCGHIJNQR
C-18	NY7-8035-000 NY7-8037-000		1	KEYTOP	RETURN	*	ABC CUT I N OB
C-18	NY7-8039-000		1	KEYTOP KEYTOP	LOCK (#696)	*	ABCGHIJNQR ABCDEFGHIJKLMNOPQR
V 10	111 0003-000		'	ALTIOP	(=030)	[*]	MOODELCHIT AVEWINGLATU

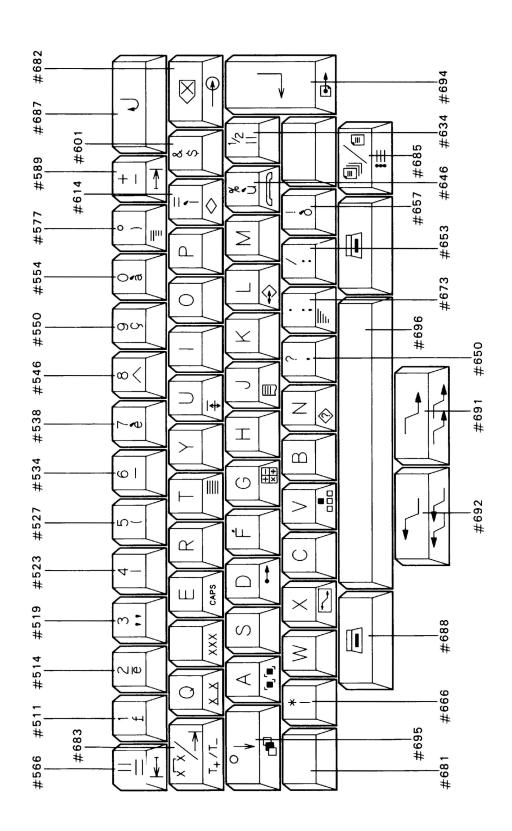
C-19. KEYTOPS (SPAIN)



C-19. KEYTOPS (SPAIN)
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: S
B: ASIA F: LATIN(230V) J: N
C: OCEANIA G: NORWAY K: W
D: QUEBEC H: DENMARK L: S I: SWEDEN/FINLAND M: FRANCE
J: NETHERLANDS N: U.K.
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY Q: S.AFRICA R: JAPAN

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[C-19 NY7-4920-000 1 KEYTOP S * ABCDEFGHIJKLMNOPQR.	
C-19	
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C-19 NY7-4927-000 1 KEYTOP (#619) * EF	l
C-19	•••••
C-19 NY7-4945-000 1 KEYTOP A * DEFKLOP C-19 NY7-4947-000 1 KEYTOP D * DEFKLM.OP	•••••
C-19 NY7-4949-000 1 KEYTOP G * DEFKLM.OP	
C-19 NY7-4951-000 1 KEYTOP J * DEFKLM.OP	
C-19 NY7-4953-000 1 KEYTOP L * DEFKLM.OP C-19 NY7-4968-000 1 KEYTOP (#649) *	•••••
C-19 NY7-4969-000 1 KEYTOP Z * ABCDEFGHIJNO.QR.	
[C-19 NY7-4970-000 1 KEYTOP C * ABCDEFGHIJKLMNOPQR.	
C-19	
C-19 NY7-4977-000 1 KEYTOP (#652) * GHIJKLO	
C-19 NY7-4981-000 1 KEYTOP (#656) *	
C-19	
C-19	
C-19 NY7-4998-000 1 KEYTOP N *DEFKLM.DP	
C-19 NY7-8004-000 1 KEYTOP (#672) *KL0	•••••
C-19	
C-19 NY7-8017-000 1 KEYTOP (#683) * DEFKLM.OP	
C-19 NY7-8019-000 1 KEYTOP (#684) * DEFKLM.OP	
C-19	
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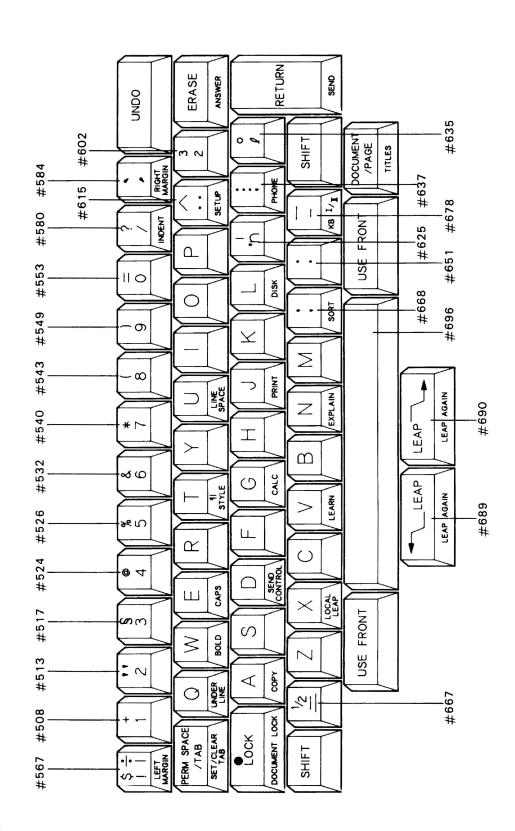
C-20. KEYTOPS (ITALY)



C-20. KEYTOPS (ITALY)
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: 1
B: ASIA F: LATIN(230V) J: 1
C: OCEANIA G: NORWAY K: 1
D: QUEBEC H: DENMARK L: 1 I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY

FIGURE &	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE
KEŸ NO.	TANT NOMBER	194111		DESCRIPTION	ALIA III.	ABCDEFGHIJKLMNOPQR
C-20	NY7-4796-000		1	KEYTOP (#511)	*	P
C-20	NY7-4799-000		1	KEYTOP (#514)	*	
C-20	NY7-4804-000	ł	1	KEYTOP (#519) KEYTOP (#523)	*	· · · · · · · · · M · · P · · · · · · ·
C-20 C-20	NY7-4808-000 NY7-4812-000		1	KEYTOP (#523) KEYTOP (#527)	*	
C-20	NY7-4819-000		li	KEYTOP (#527)	*	P
C-20	NY7-4823-000		Ιi	KEYTOP (#538)	*	
Č-20	NY7-4831-000		Ιi	KEYTOP (#546)	*	P
Č-20	NY7-4835-000		Ιi	KEYTOP (#550)	*	M. P
C-20	NY7-4839-000		1	KEYTOP (#554)	*	
C-20	NY7-4850-000		1	KEYTOP (#566)	*	
C-20	NY7-4861-000		1	KEYTOP (#577)	*	
C-20	NY7-4873-000		1 1	KEYTOP (#589)	*	
C-20	NY7-4875-000		1	KEYTOP R	*	ABCDEFGHIJKLMNOPQR
C-20	NY7-4876-000		1	KEYTOP Y	*	ABCDEFGHIJMNOPQR
C-20 C-20	NY7-4877-000 NY7-4878-000			KEYTOP I KEYTOP O	*	EFGHIJ.LOPQ
C-20	NY7-4879-000		li	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-20	NY7-4891-000		li	KEYTOP (#601)	*	P
Č-20	NY7-4895-000		Ιi	KEYTOP Q	*	DEFKLOP
Č-20	NY7-4898-000		1 1	KEYTOP E	*	ABCDEFGHIJKLMNOPQR
C-20	NY7-4900-000		1	KEYTOP T	*	DEFKLM.OP
C-20	NY7-4902-000		1	KEYTOP U	*	DEFKLM.OP
C-20	NY7-4905-000		1 1	KEYTOP Z	*	
C-20	NY7-4917-000		1 1	KEYTOP (#614)	*	
C-20	NY7-4920-000		1	KEYTOP S KEYTOP F	*	ABCDEFGHIJKLMNOPQR
C-20 C-20	NY7-4921-000 NY7-4922-000		1		*	ABCDEFGHIJKLMNOPQR
C-20	NY7-4923-000			KEYTOP H KEYTOP K	* *	ABCDEFGHIJKLMNOPQR
C-20	NY7-4924-000		li	KEYTOP M	*	M. P.
Č-20	NY7-4942-000		Ιί	KEYTOP (#634)	*	PP
C-20	NY7-4945-000		1	KEYTOP A	*	DEFKLOP
C-20	NY7-4947-000		1	KEYTOP D	*	DEFKLM.OP
C-20	NY7-4949-000		1	KEYTOP G	*	DEFKLM.QP
C-20	NY7-4951-000		1	KEYTOP J	*	DEFKLM.OP
C-20	NY7-4953-000		1	KEYTOP L	*	DEFKLM.OPP
C-20 C-20	NY7-4965-000 NY7-4970-000		1	KEYTOP (#646)	*	ADODE CUT IVI MINOOD
C-20	NY7-4971-000		1	KEYTOP C KEYTOP B	*	ABCDEFGHIJKLMNOPQR
C-20	NY7-4974-000		li	KEYTOP W	*	M.P.
Č-20	NY7-4975-000		Ιi	KEYTOP (#650)	*	
C-20	NY7-4978-000		i	KEYTOP (#653)	*	
C-20	NY7-4982-000		1	KEYTOP (#657)	*	
C-20	NY7-4991-000		1 1	KEYTOP (#666)	*	
C-20	NY7-4994-000		1 1	KEYTOP X	*	DEFKLM.OP
C-20 C-20	NY7-4996-000		1	KEYTOP V	*	DEFKLM.OP
C-20	NY7-4998-000 NY7-8005-000		1	KEYTOP N	*	DEFKLM.OP
C-20	NY7-8013-000	}	1 1	KEYTOP (#673) KEYTOP (#681)	*	EFKLM.OP
Č-20	NY7-8015-000		Ιi	KEYTOP (#682)	*	DEFKLM.OP
C-20	NY7-8017-000		Ιi	KEYTOP (#683)	*	DEFKLM.OP
C-20	NY7-8019-000		i	KEYTOP (#684)	*	DEFKLM.OP
C-20	NY7-8022-000	1	1	KEYTOP (#685)	*	DEFKLM.OP
C-20	NY7-8026-000	1	1	KEYTOP (#687)	*	EFLOP
C-20	NY7-8028-000		2	KEYTOP (#688)	*	DEFKLM.OP
C-20	NY7-8031-000		1	KEYTOP (#691)	*	DEFKLM.OP
C-20	NY7-8032-000	1	1 1	KEYTOP (#692)	*	DEFKLM.OP
C-20 C-20	NY7-8036-000			KEYTOP (#694)	*	EFKLM.OP
C-20	NY7-8038-000 NY7-8039-000			KEYTOP (#695) KEYTOP (#696)	*	ABCDEFGHIJKLMNOPQR
Ľ	111 0003 000			METTO (#030)		MUUULI GIIT UNLIMIUT MINOT MIN

C-21. KEYTOPS (S.AFRICA)



C-21. KEYTOPS (S. AFRICA)

[COUNTRY CODE AS SHOWN BELOW]

COUNTRY CODE:

A: USA/CANADA E: LATIN(115V) I: SWEDEN.

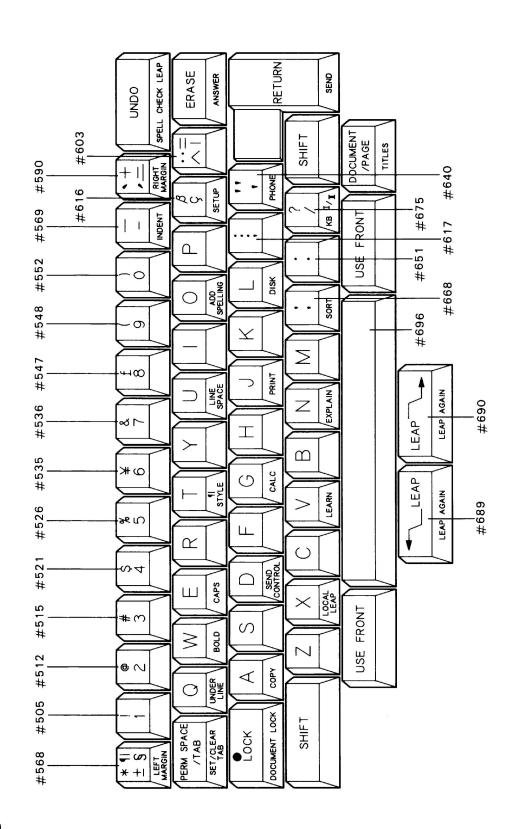
B: ASIA F: LATIN(230V) J: NETHER

C: OCEANIA G: NORWAY K: W.GERM.

D: QUEBEC H: DENMARK L: SWITZE I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY

FIGURE						COUNTRY CODE
& KEY NO.	PART NUMBER	RANK	Ø, IA	DESCRIPTION	REMARKS	ABCDEFGHIJKLMNOPQR
C-21	NY7-4793-000		1	KEYTOP (#508)	*	Q
C-21	NY7-4798-000	l	1	KEYTOP (#513) KEYTOP (#517)	*	DEFGHIJKL.NO.QKQ
C-21 C-21	NY7-4802-000 NY7-4809-000		1	KEYTOP (#517) KEYTOP (#524)	*	l
C-21	NY7-4811-000		li	KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-21	NY7-4817-000		1	KEYTOP (#532)	*	GHIJKLO.Q
C-21	NY7-4825-000		1	KEYTOP (#540)	*	
C-21	NY7-4828-000		1	KEYTOP (#543)	*	QHIJKLQ
C-21 C-21	NY7-4834-000 NY7-4838-000		1	KEYTOP (#549) KEYTOP (#553)	*	GHIJKLQ
C-21	NY7-4851-000	İ	li	KEYTOP (#567)	*	Q
Č-Ži	NY7-4864-000		li	KEYTOP (#580)	*	Q
C-21	NY7-4868-000		1	KEYTOP (#584)	*	GHIQ
C-21	NY7-4875-000		1	KEYTOP R	*	ABCDEFGHIJKLMNOPQRABCDEFGHIJ.MNOPQR
C-21 C-21	NY7-4876-000 NY7-4877-000		1	KEYTOP Y KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-21	NY7-4878-000		H	KEYTOP O	*	EFGHIJ.LOPQ
Č-21	NY7-4879-000		l i	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-21	NY7-4892-000		1 1	KEYTOP (#602)	*	QQ
C-21	NY7-4894-000		1	KEYTOP Q	*	ABC. GHIJ. N. QR. ABC. GHIJ. N. QR.
C-21 C-21	NY7-4896-000 NY7-4898-000			KEYTOP W KEYTOP E	*	ABCDEFGHIJKLMNOPQR
C-21	NY7-4899-000	, c	H	KEYTOP T	*	ABC. GHIJ. N. QR.
Č-Ži	NY7-4901-000		l i	KEYTOP U	*	ABCDGHIJNQR
C-21	NY7-4918-000		1	KEYTOP (#615)	*	QQ.
C-21	NY7-4920-000		1	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-21 C-21	NY7-4921-000 NY7-4922-000			KEYTOP F KEYTOP H	*	ABCDEFGHIJKLMNOPQR
C-21	NY7-4923-000		1 1	KEYTOP K	*	ABCDEFGHIJKLMNOPQR
Č-21	NY7-4933-000		li	KEYTOP (#625)	*	l Q
C-21	NY7-4943-000		1	KEYTOP (#635)	*	l
C-21	NY7-4944-000		1 1	KEYTOP A	*	ABCGHIJNQR
C-21 C-21	NY7-4946-000 NY7-4948-000			KEYTOP D KEYTOP G	*	ABCGHIJNQR
C-21	NY7-4950-000		i	KEYTOP J	*	ABCGHIJNQR
C-21	NY7-4952-000	•	l i	KEYTOP L	*	ABCGHIJNQR
C-21	NY7-4956-000	1	1	KEYTOP (#637)	*	
C-21	NY7-4969-000	İ	1	KEYTOP Z KEYTOP C	*	ABCDEFGHIJNO.QR
C-21 C-21	NY7-4970-000 NY7-4971-000			KEYTOP C KEYTOP B	*	ABCDEFGHIJKLMNOPQR
C-21	NY7-4972-000		li	KEYTOP M	*	ABCOEFGHIJKL.NOPQR
C-21	NY7-4976-000		1 1	KEYTOP (#651)	*	ABCDEFNQR
C-21	NY7-4992-000		1	KEYTOP (#667)	*]
C-21	NY7-4993-000		1	KEYTOP X	*	ABCGHIJNQR
C-21 C-21	NY7-4995-000 NY7-4997-000		1	KEYTOP V KEYTOP N	*	ABCGHIJNQR
C-21	NY7-4999-000	1	Ιi	KEYTOP (#668)	*	ABCQR
Č-Ži	NY7-8010-000		i	KEYTOP (#678)	*	Q
C-21	NY7-8014-000		1	KEYTOP SHIFT	*	GHIJNQ
C-21	NY7-8016-000		1 1	KEYTOP PERM SPACE/TAB	*	ABCGHIJNQR
C-21 C-21	NY7-8018-000 NY7-8020-000			KEYTOP ERASE KEYTOP SHIFT	*	ABCGHIJNQR
C-21	NY7-8020-000		H	KEYTOP DOCUMENT/PAGE	*	ABCGHIJNQR
Č-21	NY7-8025-000		1	KEYTOP UNDO	*	GHIJQ
C-21	NY7-8027-000		2	KEYTOP USE FRONT	*	ABCGHIJNQR
C-21	NY7-8029-000		1	KEYTOP (#689)	*	ABCGHIJNQR
C-21 C-21	NY7-8030-000 NY7-8035-000		1 1	KEYTOP (#690) KEYTOP RETURN	*	ABCGHIJNQR
C-21	NY7-8037-000	1	1	KEYTOP KETORN KEYTOP LOCK	*	ABC GHIJ N. QR
C-21	NY7-8039-000		1	KEYTOP (#696)	*	ABCDEFGHIJKLMNOPQR
		L	<u> </u>	1		

C-22. KEYTOPS (JAPAN)



C-22. KEYTOPS (JAPAN)
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V) I: 1
B: ASIA F: LATIN(230V) J: 1
C: OCEANIA G: NORWAY K: 1
D: QUEBEC H: DENMARK L: 1 I: SWEDEN/FINLAND M: FRANCE
J: NETHERLANDS N: U.K.
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY Q: S.AFRICA R: JAPAN

FIGURE						COUNTRY CODE
&	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	ABCDEFGHIJKLMNOPQR
KEY NO.						ADOUCTURI JALMINUTUR
C-22	NY7-4790-000		1 1	KEYTOP (#505)	*	ABCDIJKR
C-22	NY7-4797-000	1	1	KEYTOP (#512)	*	ABC
C-22	NY7-4800-000		1	KEYTOP (#515)	*	ABCDEFRR.
C-22	NY7-4806-000		1 1	KEYTOP (#521)	*	ABCDEFGHIJKLR
C-22	NY7-4811-000	l	1	KEYTOP (#526)	*	ABCDEFGHIJKLQR
Č-22	NY7-4820-000	l l	li	KEYTOP (#535)	*	l
C-22	NY7-4821-000	1	li	KEYTOP (#536)	*	ABCDEFNR
Č-22	NY7-4832-000	l	l i	KEYTOP (#547)	*	RR.
C-22	NY7-4833-000	l .	li	KEYTOP (#548)	*	ABCOEFNR
C-22	NY7-4837-000		Ιi	KEYTOP (#552)	*	ABCDEFNR
Č-22	NY7-4852-000		Ιi	KEYTOP (#568)	*	R
C-22	NY7-4853-000		li	KEYTOP (#569)	*	ABCR
C-22	NY7-4874-000	l	Ιi	KEYTOP (#590)	*	l
Č-22	NY7-4875-000		Ιi	KEYTOP R	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4876-000	l	li	KEYTOP Y	*	ABCDEFGHIJMNOPQR
C-22	NY7-4877-000		Ιi	KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4879-000	l	li	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4893-000	l	Ιi	KEYTOP (#603)	*	R.
C-22	NY7-4894-000	1	li	KEYTOP Q	*	ABCGHIJNQR
C-22	NY7-4896-000		li	KEYTOP W	*	ABC. GHIJ. N. QR.
C-22	NY7-4898-000		li	KEYTOP E	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4899-000	l	1	KEYTOP T	*	ABC. GHIJ. N. QR.
C-22	NY7-4901-000	i	Ιi	KEYTOP U	*	ABCDGHIJNQR
C-22	NY7-4903-000	l .	li	KEYTOP O	*	ABCNR
C-22	NY7-4919-000	ŀ	li	KEYTOP (#616)	*	
C-22	NY7-4920-000		li	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4921-000		li	KEYTOP F	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4922-000		li	KEYTOP H	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4923-000		li	KEYTOP K	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4925-000	1	li	KEYTOP (#617)	*	ABCOR.
C-22	NY7-4944-000		i	KEYTOP A	*	ABCGHIJNQR
C-22	NY7-4946-000			KEYTOP D	*	ABC. GHIJ. N. QR.
C-22	NY7-4948-000			KEYTOP G	*	ABCGHIJNQR
C-22	NY7-4950-000			KEYTOP J	*	ABCGHIJNQR
C-22	NY7-4952-000		li	KEYTOP L	*	ABCGHIJNQR
C-22	NY7-4959-000		1	KEYTOP (#640)	*	ABCR.
C-22	NY7-4969-000		lii		*	ABCDEFGHIJNO.QR
C-22	NY7-4970-000			KEYTOP Z KEYTOP C	*	ABCDEFGHIJKLMNOPQR
C-22			†		*	
C-22	NY7-4971-000				*	ABCDEFGHIJKLMNOPQR
C-22 C-22	NY7-4972-000 NY7-4976-000			KEYTOP M KEYTOP (#651)	*	ABCDEFNQR
0-22 C-22					*	
C-22 C-22	NY7-4993-000				*	ABCGHIJNQR
	NY7-4995-000		1	KEYTOP V		ABCGHIJNQR
C-22	NY7-4997-000		1	KEYTOP N	*	ABCGHIJNQR
C-22 C-22	NY7-4999-000		1	KEYTOP (#668)	*	ABCQR
	NY7-8007-000	l	1 1	KEYTOP (#675)	*	ABCGHIJNQR
C-22 C-22	NY7-8016-000		1	KEYTOP PERM SPACE/TAB	*	
J-22 D-22	NY7-8018-000	ļ		KEYTOP ERASE	1 7	ABCGHIJNQR
	NY7-8020-000		1	KEYTOP SHIFT	*	ABCGHIJNQR
C-22	NY7-8021-000	}	1 1	KEYTOP DOCUMENT/PAGE	*	ABCGHIJNQR
C-22	NY7-8023-000	1	1	KEYTOP UNDO	*	ABCNR
C-22	NY7-8027-000	i	2	KEYTOP USE FRONT	*	ABCGHIJNQR
C-22	NY7-8029-000	l	1	KEYTOP (#689)	*	ABCGHIJNQR
C-22	NY7-8030-000		1	KEYTOP (#690)	*	ABCGHIJNQR
C-22	NY7-8034-000		1	KEYTOP SHIFT	*	ABC
C-22	NY7-8037-000		1 1	KEYTOP LOCK	*	ABCGHIJNQR
	LEIVY UNDO NAM		l 1	KEYTOP (#696)	*	ABCDEFGHIJKLMNOPQR
C-22 C-22	NY7-8039-000 NY7-8040-000		li	KEYTOP RETURN	*	ABCRR.

D. SCREWS

[COUNTRY CODE AS SHOWN BELOW] COUNTRY CODE:

A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA

B: ASIA F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAPAN C: OCEANIA O: SPAIN

G: NORWAY K: W.GERMANY D: QUEBEC H: DENMARK L: SWITZERLAND P: ITALY

FIGURE & KEY NO.	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE ABCDEFGHIJKLMNOPQR
D S 1 D S 2 D S 3 D S 4 D S 5 D S 6 D S 7 D S 8	X81-2300-405 X81-2300-807 XA9-0412-000 X84-7300-805 X85-2400-805 X85-6300-605 X86-7400-805 X86-7400-807		4 5 19 4 2 2 10 4	SCREW, BH 3X4 SCREW, BH M3X8 SCREW, BH M3X6 SCREW, BH M3X8 SCREW, BH M4X8 SCREW, TP, PH M3X6 SCREW, BH 3X8 SCREW, TP M3X4	* * *	ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR

E. TOOLS

[COUNTRY CODE AS SHOWN BELOW]

COUNTRY CODE:

A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA F: LATIN(230V) R: JAPAN

N: U.K. B: ASIA J: NETHERLANDS C: OCEANIA G: NORWAY K: W.GERMANY 0: SPAIN

H: DENMARK L: SWITZERLAND P: ITALY D: QUEBEC

	GURE &	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE
1	Y NO.	THE HOMOCH			0200121 1201		ABCDEFGHIJKLMNOPQR
Ε	1	CK-0101		1	SCREW DRIVER, PHILLIPS HEAD		ABCDEFGHIJKLMNOPQR
Ε	2	CK-0103		1	SCREW DRIVER, PHILLIPS HEAD		ABCDEFGHIJKLMNOPQR
Ε	3	CK-0120		1	SCREW DRIVER, PRECISION HEAD		ABCDEFGHIJKLMNOPQR
Ε	4	CK-0129	ĺ	1	SCREW DRIVER, PRECISION		ABCDEFGHIJKLMNOPQR
E					PHILLIPS HEAD		
Ε	5	CK-0130		1	SCREW DRIVER, PHILLIPS HEAD		ABCDEFGHIJKLMNOPQR
Ε	6	CK-0202		1	PLIERS, NEEDLE NOSE		ABCDEFGHIJKLMNOPQR
E	7	CK-0306		1	TWEEZERS		ABCDEFGHIJKLMNOPQR
E	8	CK-0436		1	MULTIMETER, DIGITAL		ABCDEFGHIJKLMNOPQR
E	9	CK-0502	ļ	1	ALIGNMENT TOOL KIT		ABCDEFGHIJKLMNOPQR
Ε	10	TKC-0470	1	1	ALIGNMENT DISK		ABCDEFGHIJKLMNOPQR
Ε	11	TKC-0471		1	CLEANING DISK		ABCDEFGHIJKLMNOPQR

F. NUMERICAL INDEX [COUNTRY CODE AS SHOWN BELOW] COUNTRY CODE: A: USA/CANADA E: LATIN(115V) B: ASIA F: LATIN(230V) C: OCEANIA G: NORWAY D: QUEBEC H: DENMARK

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE F: LATIN(230V) J: NETHERLANDS N: U.K. G: NORWAY K: W.GERMANY O: SPAIN H: DENMARK L: SWITZERLAND P: ITALY Q: S.AFRICA R: JAPAN

FIGURE	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.	PARI NUMBER	HANN	ų ir	DESCRIPTION	NEMANNO	ABCDEFGHIJKLMNOPQR
B 1 B 2 B 3 B 5 B 6 B 7 B 8 B 9 B 10 B 11 B 13 B 13 B 13 B 13 B 13 B 13	NA1-0868-000 NA1-3834-000 NA1-3155-000 NA1-5155-000 NA1-5155-000 NA1-5155-000 NA1-5155-000 NA1-5156-000 NA1-5160-000 NA1-5160-000 NA1-5160-000 NA1-5160-000 NA1-5160-000 NA1-5163-000 NA1-5163-000 NA1-5804-000 NA1-5804-000 NA1-5804-000 NA1-5804-000 NA1-5804-000 NA1-5803-000 NA1-5803-000 NA1-5803-000 NA1-5803-000 NA1-00	ZZZZZZX	121112211112111111111111111111111111111	KNOB, VARIABLE RESISTOR RUBBER FOOT BASE CASE ESCUTCHEON CRT COVER BASE PLATE EARTH PLATE A EARTH PLATE A EARTH PLATE, CRT BASE CASE (UL) ESCUTCHEON CRT COVER (UL) SHIELD PLATE, CRT BASE CASE (UL) ESCUTCHEON CRT COVER (UL) SHIELD PLATE , CPU PCB SHIELD PLATE , KEYBOARD SPRING, EARTH PLATE NUT BATTERY BOX ASSEMBLY KEYBOARD COVER ASSEMBLY KEYBOARD COVER ASSEMBLY CPU PCB UNIT MOS LSI MBM27C512-25(B93U**) MOS LSI MBM27C512-25(B94U**) MOS L	**************************************	ABCDEFGHI JKLMNOPQR. B. EF.H. JKLMNOPQR. B. EF.H. JKLMNOPQR. B. EF.H. JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ACO. G.I. A.CO. G.I. A.CO. G.I. ACD. G.I. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ACO. G.I. A. D. K. B. EF.H. JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQR. ACO. ABCDEFGHI JKLMNOPQR. ABCDEFGHI JKLMNOPQ

F. NUMERICAL INDEX [COUNTRY CODE AS SHOWN BELOW]

H: DENMARK

COUNTRY CODE:

D: QUEBEC

A: USA/CANADA E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA

L: SWITZERLAND

P: ITALY

B: ASIA F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAPAN C: OCEANIA G: NORWAY K: W.GERMANY 0: SPAIN

FIGURE COUNTRY CODE Q'TY REMARKS PART NUMBER RANK DESCRIPTION R KEY NO. ABCDEFGHIJKLMNOPQR..... NS5-0697-000 16 KEYBOARD UNIT *FRU KEYBOARD UNIT В 16 NS5-0698-000 *FRU N KEYBOARD UNIT В 16 NS5-0699-000 *FRU В NS5-0700-000 KEYBOARD UNIT *FRU 16 N NS5-0701-000 KEYBOARD UNIT В 16 *FRU NR..... В 16 NS5-0702-000 KEYBOARD UNIT *FRU A..... C-5 Q301 NY7-0798-000 TRANSISTOR 2N3P04 C-5 0703 NY7-0799-000 TRANSISTOR 2SD1163A A..... C-5 C-5 NY7-0800-000 SPARK GAP A...... SG301 SG302 NY7-0800-000 SPARK GAP A..... C-5 C-5 A..... SG303 NY7-0800-000 SPARK GAP IC AN 5790N (H.DRIVER) IC701 NY7-0801-000 A.... C-5 C-5 C303 NY7-0802-000 CERAMIC CAP. 100PF A..... C608 NY7-0803-000 CERAMIC CAP. 120PF 50V C-5 NY7-0804-000 CERAMIC CAP. 270PF A..... C605 CERAMIC CAP. 270PF A..... C-5 C922 NY7-0804-000 ALUMINUM CAP. 2200UF 10V ALUMINUM CAP. 47UF 100V C-5 C918 NY7-0805-000 C-5 NY7-0806-000 A.... C721 A..... ALUMINUM CAP. 1000UF 16V C-5 C613 NY7-0807-000 C-5 C610 NY7-0808-000 ALUMINUM CAP. 220UF 16V ALUMINUM CAP. 220UF 16V C-5 C706 NY7-0808-000 A.... C-5 ALUMINUM CAP. 220UF 16V A.... NY7-0808-000 C716 C-5 C717 NY7-0808-000 ALUMINUM CAP. 220UF 16V A..... C-5 C609 NY7-0809-000 ALUMINUM CAP. 2200UF 16V ALUMINUM CAP. 47UF 16V C301 A..... C-5 NY7-0810-000 C-5 NY7-0810-000 ALUMINUM CAP. 47UF 16V C924 A..... C-5 C915 NY7-0811-000 ALUMINUM CAP. 470UF 16V A..... NY7-0812-000 ALUMINUM CAP. 10UF 25V C-5 C906 A..... C-5 ALUMINUM CAP. 22UF 25V NY7-0813-000 C606 A..... C-5 0611 NY7-0814-000 ALUMINUM CAP. 220UF 25V A..... C-5 NY7-0815-000 ALUMINUM CAP. 0.1UF 50V C601 NY7-0816-000 C-5 ALUMINUM CAP. 10UF 50V C912 A..... C-5 C701 NY7-0817-000 ALUMINUM CAP. 2.2UF 50V A..... C-5 C715 NY7-0818-000 ALUMINUM CAP. 470UF 50V C-5 C-5 ALUMINUM CAP. 10UF 100V ALUMINUM CAP. 2.2UF 100V A..... C720 NY7-0819-000 C304 NY7-0820-000 C-5 C916 NY7-0821-000 ALUMINUM CAP. 1600UF 10V A...... C-5 C917 NY7-0821-000 ALUMINUM CAP. 1600UF 10V C-5 NY7-0822-000 ALUMINUM CAP. 1000UF 25V A..... C913 C-5 C914 NY7-0822-000 ALUMINUM CAP. 1000UF 25V A...... C-5 C-5 A..... C905 NY7-0823-000 ALUMINUM CAP. 120UF 200V NY7-0824-000 ALUMINUM CAP. 3.3UF 50V A..... C724 NY7-0825-000 C-5 L702 CHOKE COIL 3.3UH A...... C-5 C-5 CERAMIC CAP. 0.0022UF 500V CERAMIC CAP. 0.01UF 1KV C306 NY7-0826-000 A...... NY7-0827-000 A..... C722 CERAMIC CAP. 0.01UF 50V CERAMIC CAP. 0.01UF 50V CERAMIC CAP. 0.1UF 50V C-5 C-5 C302 NY7-0828-000 A..... C705 NY7-0828-000 C-5 NY7-0829-000 A...... 0612 NY7-0830-000 C-5 L701 COIL, FERRITE BEAD A..... FILM CAP. 0.015UF 100V FILM CAP. 0.015UF 100V C-5 C702 NY7-0831-000 A..... C-5 NY7-0831-000 C703 A...... CERAMIC CAP. 0.0022UF C-5 C707 NY7-0832-000 C-5 C711 NY7-0833-000 FILM CAP. 0.022UF 100V NY7-0833-000 FILM CAP. 0.022UF 100V C-5 C712 NY7-0833-000 C-5 C919 FILM CAP. 0.022UF 100V

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAPAN G: NORWAY K: W.GERMANY O: SPAIN H: DENMARK L: SWITZERLAND P: ITALY

B: ASIA C: OCEANIA D: QUEBEC

FIGURE		T				COUNTRY CODE
&	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	
KEY NO.						ABCDEFGHIJKLMNOPQR
C-5 C713	NY7-0834-000		1	FILM CAP. 0.033UF 100V		A
C-5 C908	NY7-0835-000		1	FILM CAP. 0.0047UF 100V		A
C-5 C902	NY7-0836-000		1	CERAMIC CAP. 0.0022UF		A
C-5 C903	NY7-0836-000	1	1	CERAMIC CAP. 0.0022UF		A
C-5 C920	NY7-0836-000		1	CERAMIC CAP. 0.0022UF		A
C-5 C921	NY7-0836-000		1 1	CERAMIC CAP. 0.0022UF		A
C-5 D907 C-5 D902	NY7-0837-000 NY7-0838-000		1	DIODE RL4Z DIODE ES1F		A
C-5 1702	NY7-0839-000		li	TRANSFORMER (F.B.T.)		A
C-5 R716	NY7-0840-000		i	RESISTOR 18 OHM 1/2W		Â
C-5 IC902	NY7-0841-000		li	IC SI-3122V		A
C-5 L703	NY7-0842-000	ļ	1	COIL (H.SIZE)		A
C-5 IC904	NY7-0843-000		1	IC H11C4		A
C-5 VR704	NY7-0844-000		1	VARIABLE RESISTOR 3.3M		A
C-5 T701	NY7-0845-000		1	TRANSFORMER (H.DRIVER)		A
C-5 D301 C-5 IC903	NY7-0846-000 NY7-0847-000		1	ZENER DIODE 7.0 IC S1-3522V		A
C-5 IC601	NY7-0848-000		1	IC TDA 1170N (V.DRIVER)		Α
C-5 D601	NY7-0849-000		1	DIODE KDS 1555		Δ
C-5 Q902	NY7-0850-000		1	TRANSISTOR KTC1815Y		Ä
C-5 Q901	NY7-0851-000		1	TRANSISTOR KTC2120Y		A
C-5 Q302	NY7-0852-000		1	TRANSISTOR KTC2229		A
C-5 IC905	NY7-0853-000		1	IC L78M12CV		A
C-5 L901	NY7-0854-000		1	COIL, LINE FILTER		A
C-5 L704 C-5 P703	NY7-0855-000 NY7-0856-000		1	COIL, (H.LIN) CONNECTOR 3PIN		A
C-5 P901	NY7-0857-000			CONNECTOR SPIN		Δ
C-5 P702	NY7-0858-000		i	CONNECTOR 4PIN		A
C-5 C901	NY7-0859-000		1	FILM CAP. 0.1UF 125V		A
C-5 C904	NY7-0859-000		1	FILM CAP. 0.1UF 125V		A
C-5 C708	NY7-0860-000		1	FILM CAP. 0.0056UF 100V		A
C-5 C909	NY7-0861-000		1	FILM CAP. 0.033UF 100V		A
C-5 C911 C-5 C602	NY7-0861-000 NY7-0862-000		1	FILM CAP. 0.033UF 100V FILM CAP. 0.1UF 100V		A
C-5 C603	NY7-0862-000			FILM CAP. 0.10F 100V		A
C-5 C604	NY7-0862-000		i	FILM CAP. 0.1UF 100V		Â
C-5 C607	NY7-0862-000		i	FILM CAP. 0.1UF 100V		A
C-5 L301	NY7-0863-000		1	COIL 2.2UH		A
C-5 C710	NY7-0864-000		1	FILM CAP. 0.0027UF 100V		A
C-5 C910	NY7-0865-000		1	FILM CAP. 0.047UF 200V		A
C-5 C925 C-5 C714	NY7-0866-000		1	FILM CAP. 0.001UF 630V		A
C-5 C714 C-5 C907	NY7-0867-000 NY7-0868-000		1	FILM CAP. 0.012UF 400V FILM CAP. 0.047UF 800V		Α
C-5 0901	NY7-0869-000		1	DIODE RB-156		Δ
C-5 R904	NY7-0870-000		1	RESISTOR 10 OHM 1/8W		A
C-5 R308	NY7-0871-000	1	i	RESISTOR 100 OHM 1/8W		A
C-5 R717	NY7-0871-000		1	RESISTOR 100 OHM 1/8W		A
C-5 R912	NY7-0871-000		1	RESISTOR 100 OHM 1/8W		A
C-5 R702	NY7-0872-000		1	RESISTOR 1K OHM 1/8W		A
C-5 R711	NY7-0872-000		1 1	RESISTOR 1K OHM 1/8W		A
C-5 R722 C-5 R728	NY7-0873-000 NY7-0873-000		1	RESISTOR 100K OHM 1/8W		A
C-5 R607	NY7-0874-000		1	RESISTOR 100K OHM 1/8W RESISTOR 120K OHM 1/8W		Α
C-5 R616	NY7-0875-000		li	RESISTOR 130K OHM 1/8W		A
C-5 R609	NY7-0876-000		i	RESISTOR 130K OHM 1/8W		A

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE F: LATIN(230V) J: NETHERLANDS N: U.K. G: NORWAY K: W.GERMANY O: SPAIN H: DENMARK L: SWITZERLAND P: ITALY Q: S.AFRICA B: ASIA C: OCEANIA R: JAPAN

D: QUEBEC

FIGURE &	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.	TATE NOMOCIT		•	DECOMP FIG.	TICIPATINO	ABCDEFGHIJKLMNOPQR
C-5 R911	NY7-0877-000		1	RESISTOR 160 OHM 1/8W		A
C-5 R713	NY7-0878-000		1	RESISTOR 18K OHM 1/8W	i	A
C-5 R907	NY7-0879-000		1	RESISTOR 18K OHM 1/8W		A
C-5 R729	NY7-0880-000		1 1	RESISTOR 180K OHM 1/8W		[A]
C-5 R614	NY7-0881-000		1 1	RESISTOR 1.5 OHM 1/8W		[A]
C-5 R309 C-5 R601	NY7-0882-000 NY7-0883-000		1	RESISTOR 220 OHM 1/8W RESISTOR 22K OHM 1/8W		A
C-5 R721	NY7-0884-000	İ	li	RESISTOR 220K OHM 1/8W		Δ
C-5 R602	NY7-0885-000		li	RESISTOR 2.4K OHM 1/8W		Ä
C-5 R623	NY7-0885-000		l i	RESISTOR 2.4K OHM 1/8W		A
C-5 R612	NY7-0886-000		1	RESISTOR 24K OHM 1/8W		A
C-5 R708	NY7-0887-000		1	RESISTOR 24K OHM 1/8W		A
C-5 R714	NY7-0888-000		1 1	RESISTOR 2.7K OHM 1/8W		A
C-5 R712	NY7-0889-000		1	RESISTOR 27K OHM 1/8W		A
C-5 R724 C-5 R306	NY7-0890-000		1 1	RESISTOR 30K OHM 1/8W		A
C-5 R723	NY7-0891-000 NY7-0892-000		1	RESISTOR 33 OHM 1/8W RESISTOR 33K OHM 1/8W		Α
C-5 R731	NY7-0892-000		li	RESISTOR 33K OHM 1/8W		A
C-5 R732	NY7-0892-000		li	RESISTOR 33K OHM 1/8W		A
C-5 R733	NY7-0892-000		i	RESISTOR 33K OHM 1/8W		A
C-5 R618	NY7-0893-000		1	RESISTOR 3.3 OHM 1/8W		A
C-5 R304	NY7-0894-000		1	RESISTOR 470 OHM 1/8W		A
C-5 R910	NY7-0894-000		1	RESISTOR 470 OHM 1/8W		A
C-5 R611	NY7-0895-000		1	RESISTOR 47K OHM 1/8W		A
C-5 R730 C-5 R610	NY7-0896-000 NY7-0897-000		1	RESISTOR 47K OHM 1/8W RESISTOR 47OK OHM 1/8W		A
C-5 R307	NY7-0898-000		1	RESISTOR 51 OHM 1/8W		A
C-5 R613	NY7-0899-000		1	RESISTOR 5.6K OHM 1/8W		Ä
C-5 R617	NY7-0899-000		1	RESISTOR 5.6K OHM 1/8W		A
C-5 R909	NY7-0900-000		1	RESISTOR 56K OHM 1/8W		A
C-5 R701	NY7-0901-000		1	RESISTOR 680 OHM 1/8W		A
C-5 R615	NY7-0902-000		1	RESISTOR 6.8K OHM 1/8W		A
C-5 R902 C-5 R913	NY7-0903-000 NY7-0903-000		1	RESISTOR 150K OHM 1/2W RESISTOR 150K OHM 1/2W		A
C-5 R718	NY7-0903-000 NY7-0904-000		1	RESISTOR 150K OHM 1/2W		A
C-5 R719	NY7-0904-000		1	RESISTOR 5.6 OHM 1/2W		Δ
C-5 R727	NY7-0905-000		i	RESISTOR 680 OHM 1/2W		Ä
C-5 D911	NY7-0906-000		1	DIODE RD5 1EB2		A
C-5 R903	NY7-0907-000		1	METAL OXIDE RES. 68K OHM 5W		A
C-5 D602	NY7-0908-000		1	DIODE RGP10D		[A [
C-5 D706	NY7-0908-000		1	DIODE RGP10D		A
C-5 D710 C-5 D903	NY7-0908-000 NY7-0908-000		1	DIODE RGP10D DIODE RGP10D		A
C-5 0903	NY7-0908-000		li	DIODE RGP10D		A
C-5 0905	NY7-0908-000		l i	DIODE RGP10D		A
C-5 0906	NY7-0908-000		i	DIODE RGP10D		A
C-5 0908	NY7-0908-000		1	DIODE RGP10D		A
C-5 0910	NY7-0908-000		1	DIODE RGP100		A
C-5 0912	NY7-0908-000		1	DIODE RGP10D		A
C-5 D705	NY7-0909-000		1	DIODE RGP10J		A
C-5 D703 C-5 D704	NY7-0910-000		1	DIODE RGP 30G		[A
C-5 0704	NY7-0910-000 NY7-0911-000		1 1	DIODE RGP 30G DIODE RGP10M		A A
C-5 B708	NY7-0912-000		i	METAL RESISTOR 0.39 OHM 1W		A
C-5 R311	NY7-0913-000		i	METAL OXIDE RES. 300 OHM 1W		A
	12.12	L			L	

F. NUMERICAL INDEX
[COUNTRY CODE AS SHOWN BELOW]
COUNTRY CODE:
A: USA/CANADA E: LATIN(115V)
B: ASIA F: LATIN(230V)
C: OCEANIA G: NORWAY
D: QUEBEC H: DENMARK E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAPAN
G: NORWAY K: W.GERMANY O: SPAIN
H: DENMARK L: SWITZERLAND P: ITALY

FIGURE						COUNTRY CODE
& KEY NO.	PART NUMBER	RANK	Ø, IA	DESCRIPTION	REMARKS	ABCDEFGHIJKLMNOPQR
	NY7-0914-000 NY7-0915-000 NY7-0916-000 NY7-0918-000 NY7-0919-000 NY7-0920-000 NY7-0920-000 NY7-0920-000 NY7-0923-000 NY7-0924-000 NY7-0926-000 NY7-0926-000 NY7-0926-000 NY7-0926-000 NY7-0926-000 NY7-0928-000 NY7-0928-000 NY7-0928-000 NY7-0931-000 NY7-0931-000 NY7-0933-000 NY7-0933-000 NY7-0933-000 NY7-0933-000 NY7-0938-000 NY7-0938-000 NY7-0938-000 NY7-0938-000 NY7-0938-000 NY7-0938-000 NY7-0938-000 NY7-0938-000 NY7-0938-000 NY7-0938-000 NY7-0938-000 NY7-0938-000 NY7-0938-000 NY7-0940-000 NY7-4566-000 NY7-4568-000 NY7-4569-000 NY7-4569-000 NY7-4569-000 NY7-4790-000 NY7-4790-000 NY7-4790-000		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	METAL OXIDE RESISTOR 15 OHM 2W METAL OXIDE RES. 47K OHM 2W METAL OXIDE RES. 680 OHM 2W METAL OXIDE RESISTOR 33 OHM 3W DIODE SBSS4OT TRANSFORMER VARIABLE RESISTOR 100K OHM VARIABLE RESISTOR 100K OHM VARIABLE RESISTOR 100K OHM VARIABLE RESISTOR 220K OHM VARIABLE RESISTOR 220K OHM VARIABLE RESISTOR 220K OHM VARIABLE RESISTOR 220K OHM IC STR11006 FUSE 2A250V FUSE 2A250V CHOKE COIL 10.3UH NEON LAMP 95V ALUMINUM CAP. 220UF 25V THERMISTOR CRT ASSEMBLY DEFLECTION YORK CRT/POWER PCB UNIT () SWITCH/RECEPTACLE ASSEMBLY BRIGHT VOLUME ASSEMBLY CABLE ASSEMBLY HOLDING PLATE(RIGHT), CRT SIDE PLATE(RIGHT), CRT SIDE PLATE(RIGHT), CRT SIDE PLATE(RIGHT), CRT SIDE PLATE(RIGHT), CRT SIDE PLATE(EFT), CRT SHELD PLATE, CRT PCB SUPPORTER ASSEMBLY LEVER (6U) LEVER (2.25U) LEVER (2.25U) LEVER (1.75U) SPRING, SPACE KEY LEVER HOLDER SCREW, PH M2.6X6 KEYBOARD CABLE PUSH SWITCH HOOK HOOK GUIDE, SPACE KEYTOP (#505) KEYTOP (#505) KEYTOP (#505) KEYTOP (#505)	************	ABCDEFGHIJKLMNOPQR. A
C-15 C-22 C-10	NY7-4790-000 NY7-4790-000 NY7-4791-000		1 1 1	KEYTOP (#505) KEYTOP (#505) KEYTOP (#506)	* * *	ABCDIJKRABCDIJKR
C-18 C-11	NY7-4791-000 NY7-4792-000		1	KEYTOP (#506) KEYTOP (#507)	*	GH

I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY

E: LATIN(115V)
F: LATIN(230V)
G: NORWAY
H: DENMARK B: ASIA C: OCEANIA D: QUEBEC

FIGURE						COUNTRY CODE
&	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	
KEY NO.						ABCDEFGHIJKLMNOPQR
C-12	NY7-4792-000		1	KEYTOP (#507)	*	GH
C-16	NY7-4793-000		1	KEYTOP (#508)	*	L
C-21	NY7-4793-000		1	KEYTOP (#508)	*	L _{::} Q
C-17 C-19	NY7-4794-000		1	KEYTOP (#509)	*	
C-20	NY7-4795-000 NY7-4796-000		1 1	KEYTOP (#510) KEYTOP (#511)	*	
C-8	NY7-4797-000		li	KEYTOP (#512)	*	ABCR
Č-22	NY7-4797-000		i	KEYTOP (#512)	*	ABCR
C-9	NY7-4798-000		1	KEYTOP (#513)	*	DEFGHIJKL.NO.Q
C-10	NY7-4798-000		1	KEYTOP (#513)	*	DEFGHIJKL.NO.Q
C-11	NY7-4798-000	ĺ	1	KEYTOP (#513)	*	DEFGHIJKL.NO.Q
C-12	NY7-4798-000		1	KEYTOP (#513)	*	DEFGHIJKL.NO.Q
C-13	NY7-4798-000		1	KEYTOP (#513)	*	DEFCHIJKL.NO.Q
C-14 C-15	NY7-4798-000 NY7-4798-000		1 1	KEYTOP (#513) KEYTOP (#513)	*	DEFGHIJKL.NO.Q
C-16	NY7-4798-000		li	KEYTOP (#513)	*	DEFGHIJKL.NO.Q
C-18	NY7-4798-000		1	KEYTOP (#513)	*	DEFGHIJKL.NO.Q
C-19	NY7-4798-000		l i	KEYTOP (#513)	*	DEFGHIJKL.NO.Q
C-21	NY7-4798-000		1	KEYTOP (#513)	*	DEFGHIJKL.NO.Q
C-17	NY7-4799-000		1	KEYTOP (#514)	*	
C-20	NY7-4799-000		1	KEYTOP (#514)	*	
C-8	NY7-4800-000		1	KEYTOP (#515)	*	ABCDEFR
C-9	NY7-4800-000		1	KEYTOP (#515)	*	ABCDEFR
C-10	NY7-4800-000 NY7-4800-000		1	KEYTOP (#515)	*	ABCDEFRRR
C-22 C-11	NY7-4800-000 NY7-4801-000		1 1	KEYTOP (#515) KEYTOP (#516)	*	ADOUEFGHIJ
C-12	NY7-4801-000		l i	KEYTOP (#516)	*	GHIJ
C-13	NY7-4801-000		1	KEYTOP (#516)	*	GHIJ
C-14	NY7-4801-000		i	KEYTOP (#516)	*	GHIJ
C-15	NY7-4802-000		1	KEYTOP (#517)	*	
C-21	NY7-4802-000		1	KEYTOP (#517)	*	
C-16	NY7-4803-000		1	KEYTOP (#518)	*	L
C-17	NY7-4804-000		1	KEYTOP (#519)	*	MP
C-20 C-18	NY7-4804-000		1	KEYTOP (#519)	*	MP
C-19	NY7-4805-000 NY7-4805-000		1 1	KEYTOP (#520) KEYTOP (#520)	*	NO
C-8	NY7-4806-000		li	KEYTOP (#520)	*	ABCDEFGHIJKLR
C-9	NY7-4806-000		l i	KEYTOP (#521)	*	ABCDEFGHIJKLR
C-10	NY7-4806-000		1	KEYTOP (#521)	*	ABCDEFGHIJKLR
C-11	NY7-4806-000		1	KEYTOP (#521)	*	ABCDEFGHIJKLR
C-12	NY7-4806-000		1	KEYTOP (#521)	*	ABCDEFGHIJKLR
C-13	NY7-4806-000		1	KEYTOP (#521)	*	ABCDEFGHIJKLR
C-14	NY7-4806-000		1	KEYTOP (#521)	*	ABCDEFGHIJKLR
C-15 C-22	NY7-4806-000 NY7-4806-000		1 1	KEYTOP (#521)	*	ABCDEFGHIJKLR
C-16	NY7-4805-000 NY7-4807-000		1 1	KEYTOP (#521) KEYTOP (#522)	*	ABCOEFGHIJKLR
C-17	NY7-4808-000			KEYTOP (#523)	*	
C-20	NY7-4808-000		li	KEYTOP (#523)	*	
C-18	NY7-4809-000		ĺi	KEYTOP (#524)	*	N. Q
C-21	NY7-4809-000		1	KEYTOP (#524)	*	NQ
C-19	NY7-4810-000		1	KEYTOP (#525)	*	
C-8	NY7-4811-000		1	KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-9	NY7-4811-000		1	KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-10	NY7-4811-000		1 1	KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-11	NY7-4811-000	L	1	KEYTOP (#526)	*	ABCDEFGHIJKLQR

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAPAN G: NORWAY K: W.GERMANY O: SPAIN H: DENMARK L: SWITZERLAND P: ITALY

B: ASIA C: OCEANIA D: QUEBEC

FIGURE &	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.	THE RESERVE					ABCDEFGHIJKLMNOPQR
C-12	NY7-4811-000		1	KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-13	NY7-4811-000	i	1	KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-14	NY7-4811-000		1	KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-15	NY7-4811-000		1	KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-16	NY7-4811-000		1	KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-21	NY7-4811-000		1	KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-22	NY7-4811-000		1	KEYTOP (#526)	*	ABCDEFGHIJKLQR
C-17	NY7-4812-000		1	KEYTOP (#527)	*	MP
C-20	NY7-4812-000		1	KEYTOP (#527)	*	
C-18	NY7-4813-000		1	KEYTOP (#528)	*	
C-19	NY7-4814-000	i	1	KEYTOP (#529)	*	ABCD
C-8 C-9	NY7-4815-000 NY7-4815-000		1	KEYTOP (#530) KEYTOP (#530)	*	ABCD
C-10	NY7-4816-000		li	KEYTOP (#530)	*	EFN
C-18	NY7-4816-000		li	KEYTOP (#531)	*	EFN.
C-11	NY7-4817-000		Ιi	KEYTOP (#532)	*	GHIJKL O.Q
C-12	NY7-4817-000		Ιί	KEYTOP (#532)	*	GHIJKLO.Q
C-13	NY7-4817-000		Ιi	KEYTOP (#532)	*	GHIJKL.O.Q
C-14	NY7-4817-000	i	Ιi	KEYTOP (#532)	*	GHIJKL.O.Q
C-15	NY7-4817-000		Ιi	KEYTOP (#532)	*	GHIJKL.O.Q
C-16	NY7-4817-000		li	KEYTOP (#532)	*	GHIJKLO.Q
C-19	NY7-4817-000		1	KEYTOP (#532)	*	GHIJKLO.Q
C-21	NY7-4817-000		1	KEYTOP (#532)	*	GHIJKLO.Q
C-17	NY7-4818-000		1	KEYTOP (#533)	*	
C-20	NY7-4819-000	Ì	1	KEYTOP (#534)	*	
C-22	NY7-4820-000		1	KEYTOP (#535)	*	RR
C-8	NY7-4821-000		1	KEYTOP (#536)	*	ABCOEFNR
C-9	NY7-4821-000		1	KEYTOP (#536)	*	ABCDEFNR
C-10	NY7-4821-000		1	KEYTOP (#536)	*	ABCDEFNR
C-18	NY7-4821-000		1	KEYTOP (#536)	*	ABCDEFNR
C-22	NY7-4821-000		1	KEYTOP (#536)	*	ABCDEFNR
C-11	NY7-4822-000		1	KEYTOP (#537)	*	GHIJKL
C-12	NY7-4822-000		1	KEYTOP (#537)	*	GHIJKL
C-13	NY7-4822-000		1	KEYTOP (#537)	*	GHIJKL
C-14 C-15	NY7-4822-000 NY7-4822-000		1 1	KEYTOP (#537)	*	GHIJKL
C-16	NY7-4822-000		1	KEYTOP (#537) KEYTOP (#537)	*	GHIJKL
C-17	NY7-4823-000	1	li	KEYTOP (#538)	*	MP
Č-20	NY7-4823-000		Ιi	KEYTOP (#538)	*	M. P.
C-19	NY7-4824-000		Ιi	KEYTOP (#539)	*	0
C-21	NY7-4825-000	l	Ιi	KEYTOP (#540)	*	Q
C-8	NY7-4826-000		1 1	KEYTOP (#541)	*	ABCD
C-9	NY7-4826-000		1	KEYTOP (#541)	*	ABCD
C-10	NY7-4827-000		1	KEYTOP (#542)	*	EFN
C-18	NY7-4827-000		1	KEYTOP (#542)	*	EFN
C-11	NY7-4828-000		1	KEYTOP (#543)	*	GHIJKLQ
C-12	NY7-4828-000		1	KEYTOP (#543)	*	GHIJKLQ
C-13	NY7-4828-000		1	KEYTOP (#543)	*	GHIJKLQ
C-14	NY7-4828-000		1	KEYTOP (#543)	*	GHIJKLQ
C-15	NY7-4828-000	l	1	KEYTOP (#543)	*	GHIJKLQ
C-16	NY7-4828-000		1	KEYTOP (#543)	*	GHIJKLQ
C-21	NY7-4828-000		1	KEYTOP (#543)	*	GHIJKLQ
C-17	NY7-4829-000		1	KEYTOP (#544)	*	M.
C-19 C-20	NY7-4830-000 NY7-4831-000		1	KEYTOP (#545)	*	
0-20	MT1-4031-000	l	1	KEYTOP (#546)	*	P

F. NUMERICAL INDEX [COUNTRY CODE AS SHOWN BELOW] COUNTRY CODE: A: USA/CANADA E: LATIN(115V) B: ASIA F: LATIN(230V) C: OCEANIA G: NORWAY D: QUEBEC H: DENMARK

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FIGURE &	PART NUMBER	rank	Q'TY		DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.							ABCDEFGHIJKLMNOPQR
C-22	NY7-4832-000		1	KEYT0P	(#547)	*	
C-8	NY7-4833-000		1	KEYTOP	(#548)	*	ABCDEFNR
C-9	NY7-4833-000		1	KEYTOP	(#548)	*	ABCDEFNR
C-10	NY7-4833-000		1	KEYTOP	(#548)	*	ABCDEFNR
C-18	NY7-4833-000		1	KEYTOP	(#548)	*	ABCDEFNR
C-22	NY7-4833-000		1	KEYTOP	(#548)	*	ABCDEFNR
C-11	NY7-4834-000		1	KEYTOP	(#549)	*	GHIJKLQ
C-12	NY7-4834-000		1	KEYTOP	(#549)	*	GHIJKLQ
C-13	NY7-4834-000		1	KEYTOP	(#549)	*	GHIJKLQ
C-14	NY7-4834-000		1	KEYTOP	(#549)	*	GHIJKLQ
C-15	NY7-4834-000		1	KEYTOP	(#549)	*	GHIJKLQ
C-16	NY7-4834-000		1	KEYTOP	(#549)	*	GHIJKLQ
C-21	NY7-4834-000		1	KEYTOP	(#549)	*	GHIJKLQ
C-17	NY7-4835-000		1	KEYTOP	(#550)	*	
1.40	NY7-4835-000		1	KEYTOP	(#550)	*	
	NY7-4836-000		i	KEYTOP	(#551)	*	0
C-8	NY7-4837-000		1	KEYTOP	(#552)	*	ABCDEFNR
	NY7-4837-000		1	KEYTOP	(#552)	*	ABCDEFNR
C-10	NY7-4837-000		1	KEYTOP	(#552)	*	ABCDEFNR
C-18	NY7-4837-000		1	KEYTOP	(#552)	*	ABCDEFNR
C-22	NY7-4837-000		1	KEYTOP	(#552)	*	ABCDEFNR
C-11	NY7-4838-000		1	KEYTOP	(#553)	*	GHIJKLO.Q
C-12	NY7-4838-000		1	KEYTOP	(#553)	*	GHIJKLO.Q
C-13	NY7-4838-000		1	KEYTOP	(#553)	*	GHIJKLO.Q
C-14	NY7-4838-000		1	KEYTOP	(#553)	*	GHIJKLO.Q
C-15	NY7-4838-000		1	KEYTOP	(#553)	*	GHIJKLO.Q
	NY7-4838-000		1	KEYTOP	(#553)	*	GHIJKLO.Q
	NY7-4838-000		1	KEYTOP	(#553)	*	GHIJKLO.Q
	NY7-4838-000		1	KEYTOP	(#553)	*	GHIJKLO.Q
	NY7-4839-000		1	KEYTOP	(#554)	*	
	NY7-4839-000		1	KEYTOP	(#554)	*	
	NY7-4840-000		1	KEYTOP	(#555)	*	ABC
	NY7-4841-000		1	KEYTOP	(#556)	*	0 <u></u>
	NY7-4842-000		1	KEYTOP	(#557)	*	EF
	NY7-4843-000		1	KEYTOP	(#558)	*	gH.J
	NY7-4843-000		1	KEYTOP	(#558)	*	gH.J
	NY7-4843-000		1	KEYTOP	(#558)	*	GH_J
	NY7-4844-000		1 1	KEYTOP	(#559)	*	I.,
	NY7-4845-000		1	KEYTOP	(#561)	*	
	NY7-4846-000		1	KEYTOP	(#562)	*	
	NY7-4847-000		1	KEYTOP	(#563)	*	MM
	NY7-4848-000		1	KEYTOP	(#564)	*	NN
	NY7-4849-000		1	KEYTOP	(#565) (#565)	*	0
	NY7-4850-000 NY7-4851-000		1	KEYTOP	(#566) (#567)	*	•••••••
0.50	NY7-4852-000		1	KEYTOP KEYTOP	(#567) (#568)	*	
C-8					1	*	
	NY7-4853-000 NY7-4853-000		ΙίΙ	KEYTOP	(#569) (#569)	*	ABCRR.
	NY7-4854-000		i	KEYTOP	(#570)	*	D
	NY7-4855-000		i	KEYTOP	(#571)	*	
	NY7-4856-000		i	KEYTOP	(#572)	*	EF
	NY7-4857-000		1	KEYTOP	(#573)	*	GHI
	NY7-4857-000		1	KEYTOP	(#573)	*	GHI
	NY7-4857-000		i	KEYTOP	(#573)	*	GHI
	NY7-4858-000		1	KEYTOP	(#574)	*	K
	4000 000				(***************************************

F. NUMERICAL INDEX [COUNTRY CODE AS SHOWN BELOW] COUNTRY CODE: A: USA/CANADA E: LATIN(115V) B: ASIA F: LATIN(230V) C: OCEANIA G: NORWAY D: QUEBEC H: DENMARK

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FIGURE & KEY NO.	PART NUMBER	rank	Q'TY		DESCRIPTION	REMARKS	COUNTRY CODE ABCDEFGHIJKLMNOPQR
							ADOUET GITTAL MNOT GIT
C-14	NY7-4859-000		1	KEYTOP	(#575)	*	
C-16	NY7-4860-000		1	KEYTOP	(#576)	*	LL
C-17	NY7-4861-000		1	KEYT0P	(#577)	*	
C-20	NY7-4861-000		1 1	KEYT0P	(#577)	*	
C-18	NY7-4862-000		1	KEYTOP	(#578)	*	N ₂
C-19	NY7-4863-000		1	KEYTOP	(#579)	*	
C-21	NY7-4864-000		1	KEYTOP	(#580)	*	Q
C-8	NY7-4865-000		1 1	KEYTOP	(#581)	*	ABC
C-18 C-10	NY7-4865-000		1 1	KEYTOP KEYTOP	(#581) (#500)	*	ABC
C-9	NY7-4866-000 NY7-4867-000	l	li	KEYTOP	(#582) (#583)	*	EF
C-11	NY7-4868-000			KEYTOP	(#584)	*	GHI Q
C-12	NY7-4868-000		li	KEYTOP	(#584)	*	GHIQ
C-13	NY7-4868-000		li	KEYTOP	(#584)	*	Q.
C-21	NY7-4868-000		li	KEYTOP	(#584)	*	GHIQ.
C-15	NY7-4869-000		li	KEYTOP	(#585)	*	К
C-14	NY7-4870-000	į .	li	KEYTOP	(#586)	*	
C-16	NY7-4871-000	l	l i	KEYTOP	(#587)	*	L
C-19	NY7-4872-000	İ	li	KEYTOP	(#588)	*	
C-20	NY7-4873-000		1 1	KEYTOP	(#589)	*	
C-22	NY7-4874-000		1 1	KEYTOP	(#590)	*	
C-8	NY7-4875-000		1	KEYTOP	R	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4875-000		1	KEYTOP	R	*	ABCDEFGHIJKLMNOPQR
C-10	NY7-4875-000		1	KEYTOP	R	*	ABCDEFGHIJKLMNOPQR
C-11	NY7-4875-000		1	KEYTOP	R	*	ABCDEFGHIJKLMNOPQR
C-12	NY7-4875-000		1	KEYTOP	R	*	ABCDEFGHIJKLMNOPQR
C-13	NY7-4875-000		1	KEYT0P	R .	*	ABCDEFGHIJKLMNOPQR
C-14	NY7-4875-000		1	KEYT0P	R	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4875-000		1	KEYTOP	R	*	ABCDEFGHIJKLMNOPQR
C-16	NY7-4875-000		1	KEYTOP	R	*	ABCDEFGHIJKLMNOPQR
C-17	NY7-4875-000		1	KEYTOP	R	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4875-000		1	KEYTOP	R	*	ABCDEFGHIJKLMNOPQR
C-19 C-20	NY7-4875-000 NY7-4875-000		1	KEYTOP	R	*	ABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQR
C-21	NY7-4875-000		1	KEYTOP KEYTOP	R R	*	ABCDEFCHIJKLMNOPQR
C-22	NY7-4875-000		1	KEYTOP	R	*	ABCDEFGHIJKLMNOPQR
C-8	NY7-4876-000	l	i	KEYTOP	Ÿ	*	ABCDEFGHIJ. MNOPQR.
C-9	NY7-4876-000		1	KEYTOP	Ϋ́	*	ABCDEFGHIJ. MNOPQR.
C-10	NY7-4876-000		1	KEYTOP	Ý	*	ABCDEFGHIJ. MNOPQR
C-11	NY7-4876-000		li	KEYTOP	Ý	*	ABCDEFGHIJ MNOPQR
C-12	NY7-4876-000		i	KEYTOP	Ý	*	ABCDEFGHIJMNOPQR
C-13	NY7-4876-000		1	KEYTOP	Ý	*	ABCOEFGHIJMNOPQR
C-14	NY7-4876-000		1	KEYTOP	Y	*	ABCDEFGHIJMNOPQR
C-17	NY7-4876-000		1	KEYT0P	Y	*	ABCDEFGHIJMNOPQR
C-18	NY7-4876-000		1	KEYT0P	Υ	*	ABCDEFGHIJMNOPQR
C-19	NY7-4876-000		1	KEYTOP	Y	*	ABCDEFGHIJMNOPQR
C-20	NY7-4876-000		1	KEYTOP	Y	*	ABCDEFGHIJMNOPQR
C-21	NY7-4876-000		1 1	KEYTOP	Y	*	ABCDEFGHIJMNOPQR
C-22	NY7-4876-000		1	KEYTOP	Ã	*	ABCDEFGHIJMNOPQR
C-8	NY7-4877-000		1 1	KEYTOP	Ĩ	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4877-000		1	KEYTOP	Ĭ	*	ABCDEFGHIJKLMNOPQR
C-10	NY7-4877-000		1	KEYTOP	Ī	*	ABCDEFGHIJKLMNOPQR
C-11	NY7-4877-000		1	KEYTOP	Ī	*	ABCDEFGHIJKLMNOPQR
C-12	NY7-4877-000 NY7-4877-000		1	KEYTOP	Ī	*	ABCDEFGHIJKLMNOPQR
C-13	MIT-4011-000	1	1	KEYT0P	I	*	ABCDEFGHIJKLMNOPQR

F. NUMERICAL INDEX [COUNTRY CODE AS SHOWN BELOW] COUNTRY CODE: A: USA/CANADA E: LATIN(115V) B: ASIA F: LATIN(230V) C: OCEANIA G: NORWAY D: QUEBEC H: DENMARK

Q: S.AFRICA R: JAPAN

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE F: LATIN(230V) J: NETHERLANDS N: U.K. G: NORWAY K: W.GERMANY O: SPAIN H: DENMARK L: SWITZERLAND P: ITALY

	1					
FIGURE						COUNTRY CODE
&	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	
KEY NO.						ABCDEFGHIJKLMNOPQR
		<u> </u>				
C-14	NY7-4877-000		1 1	KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4877-000	l	1	KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-16	NY7-4877-000		Ιi	KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-17	NY7-4877-000		li	KEYTOP I	*	ABCOEFGHIJKLMNOPQR
C-18	NY7-4877-000	l	Ιi	KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-19	NY7-4877-000		Ιi	KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-20	NY7-4877-000	ŀ	Ιi	KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-21	NY7-4877-000		Ιi	KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4877-000		li	KEYTOP I	*	ABCDEFGHIJKLMNOPQR
C-10	NY7-4878-000		li	KEYTOP O	*	EFGHIJ.LOPQ
C-11	NY7-4878-000		ĺi	KEYTOP O	*	EFGHIJ.L.OPQ
C-12	NY7-4878-000		Ιi	KEYTOP O	*	EFGHIJ.L.OPQ
C-13	NY7-4878-000		l i	KEYTOP O	*	EFGHIJ.L.OPQ
C-14	NY7-4878-000		li	KEYTOP O	*	EFGHIJ.L.OPQ
C-16	NY7-4878-000		i	KEYTOP O	*	EFGHIJ.L.OPQ
C-19	NY7-4878-000		li	KEYTOP O	*	EFGHIJ.L.OPQ
C-20	NY7-4878-000		Ιi	KEYTOP O	*	EFGHIJ.L.OPQ
C-21	NY7-4878-000		li	KEYTOP O	*	EFGHIJ.L.OPQ
C-8	NY7-4879-000		li	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4879-000			KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-10	NY7-4879-000		1	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-11	NY7-4879-000		i	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-12	NY7-4879-000	1	li	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-13	NY7-4879-000		Ιί	KEYTOP P	*	ABCOEFGHIJKLMNOPQR
C-14	NY7-4879-000		li	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4879-000		li	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-16	NY7-4879-000		;	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-17	NY7-4879-000		Ιi	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4879-000		Ιi	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-19	NY7-4879-000		li	KEYTOP P	*	ABCDEFCHIJKLMNOPQR
C-20	NY7-4879-000		1	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-21	NY7-4879-000		li	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4879-000		li	KEYTOP P	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4880-000		Ιi	KEYTOP Z	*	KL
C-16	NY7-4880-000		Ιί	KEYTOP Z	*	KL
C-11	NY7-4881-000		Ιί	KEYTOP (#591)	*	GH.
C-12	NY7-4881-000		Ιί	KEYTOP (#591)	*	GH
C-8	NY7-4882-000		1	KEYTOP (#592)	*	ABC
C-9	NY7-4883-000		li	KEYTOP (#593)	*	D
C-10	NY7-4884-000		Ιί	KEYTOP (#594)	*	EF
C-13	NY7-4885-000		li	KEYTOP (#595)	*	I
C-15	NY7-4886-000		1	KEYTOP (#596)	*	
C-14	NY7-4887-000		Ιi	KEYTOP (#597)	*	JO
C-19	NY7-4887-000		1	KEYTOP (#597)	*	J
C-16	NY7-4888-000		1	1	*	· · · · · · · · · · · · · · · · · · ·
C-16	NY7-4889-000		1	KEYTOP (#598) KEYTOP (#599)	* *	
	1000 000		1 :	UE (200)		
C-18 C-20	NY7-4890-000			KEYTOP (#600)	* ±	NN
	NY7-4891-000		1	KEYTOP (#601)	*	P
C-21	NY7-4892-000		1	KEYTOP (#602)	*	QQ
C-22	NY7-4893-000		1	KEYTOP (#603)	*	ADD CUT I N OD
C-8	NY7-4894-000		1	KEYTOP Q	*	ABCGHIJNQR
C-11	NY7-4894-000		1	KEYTOP Q	*	ABCGHIJNQR
C-12	NY7-4894-000		1	KEYTOP Q	*	ABCGHIJNQR
C-13	NY7-4894-000		1 1	KEYTOP Q	*	ABCGHIJNQR
C-14	NY7-4894-000		1	KEYTOP Q	*	ABCGHIJNQR
		• • • • • • • • • • • • • • • • • • • •				

Q: S.AFRICA R: JAPAN

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE F: LATIN(230V) J: NETHERLANDS N: U.K. G: NORWAY K: W.GERMANY O: SPAIN H: DENMARK L: SWITZERLAND P: ITALY B: ASIA C: OCEANIA D: QUEBEC

FIGURE &	PART NUMBER	rank	Q'TY		DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.							ABCDEFGHIJKLMNOPQR
C-18	NY7-4894-000		1	KEYTOP	Q	*	ABCGHIJNQR
C-21	NY7-4894-000		1	KEYTOP	Q	*	ABCGHIJNQR
C-22	NY7-4894-000		1	KEYTOP	Q	*	ABCGHIJNQR
C-9	NY7-4895-000		1	KEYT0P	Q	*	DEFKLOP
C-10	NY7-4895-000	i	1	KEYTOP	Q	*	DEFKLOP
C-15	NY7-4895-000		1	KEYTOP	Q	*	DEFKLOP
C-16	NY7-4895-000		1	KEYTOP	Q	*	DEFKLOP
C-19	NY7-4895-000	1	1	KEYTOP	Q	*	DEFKLOP
C-20	NY7-4895-000		1	KEYTOP	Q	*	DEFKLOP
C-8	NY7-4896-000		1	KEYTOP	W	*	ABCGHIJNQR
C-11	NY7-4896-000	l	1	KEYTOP	W	*	ABCGHIJNQR
C-12	NY7-4896-000	ŀ	1	KEYTOP	W	*	ABCGHIJNQR
C-13	NY7-4896-000		1	KEYTOP	W	*	ABCGHIJNQR
C-14	NY7-4896-000		1	KEYTOP	W	*	ABCGHIJNQR
C-18	NY7-4896-000	i i	1	KEYTOP	W	*	ABCGHIJNQR
C-21	NY7-4896-000	İ	1	KEYTOP	W	*	ABCGHIJNQR
C-22	NY7-4896-000		1	KEYTOP	W	*	ABCGHIJNQR
C-9	NY7-4897-000	1	1	KEYTOP	W	*	DEFKLO
C-10	NY7-4897-000	i	1	KEYTOP	W	*	DEFKLO
C-15	NY7-4897-000		1	KEYTOP	W	*	DEFKLO
C-16	NY7-4897-000	1	1	KEYTOP	W	*	DEFKLO
C-19	NY7-4897-000	1	1	KEYTOP	M	*	DEFKLO
C-8	NY7-4898-000		1	KEYTOP	Ē	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4898-000		1	KEYTOP	Ē	*	ABCDEFGHIJKLMNOPQR
C-10	NY7-4898-000		1	KEYTOP	E E	*	ABCDEFGHIJKLMNOPQR
C-11	NY7-4898-000		1	KEYTOP	E	*	ABCDEFGHIJKLMNOPQR
C-12	NY7-4898-000		1	KEYTOP	E E	*	ABCDEFGHIJKLMNOPQR
C-13 C-14	NY7-4898-000		1	KEYTOP	E	*	ABCDEFGHIJKLMNOPQR
C-14	NY7-4898-000 NY7-4898-000		1	KEYTOP KEYTOP	E	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4898-000			KEYTOP	Ē	*	ABCDEFGHIJKLMNOPQR
C-17	NY7-4898-000		li	KEYTOP		*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4898-000		li	KEYTOP	E E	*	ABCDEFGHIJKLMNOPQR
C-19	NY7-4898-000		li	KEYTOP	E	*	ABCDEFGHIJKLMNOPQR
C-20	NY7-4898-000		Ιί	KEYTOP	E E	*	ABCDEFGHIJKLMNOPQR
C-21	NY7-4898-000	l	Ιi	KEYTOP	Ē	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4898-000	l	li	KEYTOP	Ē	*	ABCDEFGHIJKLMNOPQR
C-8	NY7-4899-000	l	li	KEYTOP	Ť	*	ABCGHIJNQR
C-11	NY7-4899-000	l	Ιi	KEYTOP	Ť	*	ABCGHIJNQR
C-12	NY7-4899-000	i	Ιi	KEYTOP	Ť	*	ABCGHIJNQR
C-13	NY7-4899-000		l 1	KEYTOP	Ť	*	ABCGHIJNQR
C-14	NY7-4899-000	l	1 1	KEYTOP	Ť	*	ABCGHIJNQR
C-18	NY7-4899-000	ľ	1 1	KEYTOP	T	*	ABCGHIJNQR
C-21	NY7-4899-000		1	KEYTOP	T	*	ABCGHIJNQR
C-22	NY7-4899-000	l	1	KEYTOP	T	*	ABCGHIJNQR
C-9	NY7-4900-000		1	KEYTOP	Т	*	DEFKLM.OP
C-10	NY7-4900-000		1	KEYTOP	T	*	DEFKLM.OP
C-15	NY7-4900-000		1	KEYTOP	T	*	DEFKLM.OP
C-16	NY7-4900-000		1	KEYTOP	Ţ	*	DEFKLM.OP
C-17	NY7-4900-000	l	1	KEYTOP	I	*	DEFKLM.OP
C-19	NY7-4900-000		1	KEYTOP	Ţ	*	DEFKLM.OP
C-20	NY7-4900-000		1	KEYTOP	Ţ	*	DEFKLM.OP
C-8	NY7-4901-000		1	KEYTOP	U	*	ABCDGHIJNQR
C-11	NY7-4901-000	1	1	KEYTOP	U	*	ABCDGHIJNQR
C-12	NY7-4901-000		1	KEYT0P	U	*	ABCDGHIJNQR

F. NUMERICAL INDEX [COUNTRY CODE AS SHOWN BELOW] COUNTRY CODE: A: USA/CANADA E: LATIN(115V) B: ASIA F: LATIN(230V) C: OCEANIA G: NORWAY D: QUEBEC H: DENMARK

Q: S.AFRICA R: JAPAN

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE F: LATIN(230V) J: NETHERLANDS N: U.K. G: NORWAY K: W.GERMANY O: SPAIN H: DENMARK L: SWITZERLAND P: ITALY

FIGURE	DADT NUMBER	DANIV	חידע	DESCRIPTION	REMARKS	COUNTRY CODE
& KEY NO.	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	ABCDEFGHIJKLMNOPQR
C-13	NY7-4901-000		1	KEYTOP U	*	ABCDGHIJNQR
C-14	NY7-4901-000		1	KEYTOP U	*	ABCDGHIJNQR
Č-18	NY7-4901-000		1	KEYTOP U	*	ABCDGHIJNQR
C-21	NY7-4901-000		li	KEYTOP U	*	ABCD. GHIJ. N. QR
C-22	NY7-4901-000		li	KEYTOP U	*	ABCD. GHIJ N QR
C-22 C-9	NY7-4902-000		i	KEYTOP U	*	DEFKLM.OP
	and the second second second				*	DEFKLM.OP
C-10	NY7-4902-000		1	KEYTOP U	270	DEFKLM.OP
C-15	NY7-4902-000		1	KEYTOP U	*	
C-16	NY7-4902-000		1	KEYTOP U	*	DEFKLM.OP
C-17	NY7-4902-000		1	KEYTOP U	*	DEFKLM.OP
C-19	NY7-4902-000	1	1	KEYTOP U	*	DEFKLM.OP
C-20	NY7-4902-000	ł	1	KEYTOP U	*	DEFKLM.OP
C-8	NY7-4903-000		1	KEYTOP O	*	ABC N R
C-18	NY7-4903-000		1	KEYTOP O	*	ABCNR
C-22	NY7-4903-000	l	1	KEYTOP O	*	ABCNR
C-9	NY7-4904-000		1	KEYTOP O	*	DK.M
C-15	NY7-4904-000	1	1	KEYTOP O	*	DK.M
C-17	NY7-4904-000	1	1	KEYTOP O	*	DK.M
C-17	NY7-4905-000	1	1 1	KEYTOP Z	*	
C-20	NY7-4905-000		1	KEYTOP Z	*	
C-17	NY7-4906-000	1	1	KEYTOP A	*	
C-8	NY7-4907-000		li	KEYTOP (#604)	*	ABC
C-9	NY7-4908-000		i	KEYTOP (#605)	*	D
C-10	NY7-4909-000	1	li	KEYTOP (#606)	*	EF
C-11	NY7-4910-000	1	ĺi	KEYTOP (#607)	*	GHI
C-12	NY7-4910-000	1	1	KEYTOP (#607)	*	GHI
C-12	NY7-4910-000	1		KEYTOP (#607)	*	GHI
C-15			Ιί	KEYTOP (#608)	*	
	NY7-4911-000		Ιί	1 1000 100	*	l
C-14 C-16	NY7-4912-000	1			*	l
	NY7-4913-000	1	1	KEYTOP (#610)		
C-17	NY7-4914-000	1	1	KEYTOP (#611)	*	
C-18	NY7-4915-000	1	1	KEYTOP (#612)	*	N
C-19	NY7-4916-000	i	1	KEYTOP (#613)	*	0
C-20	NY7-4917-000	1	1	KEYTOP (#614)	*	P
C-21	NY7-4918-000	l	1	KEYTOP (#615)	*	QQ.
C-22	NY7-4919-000	l	1	KEYTOP (#616)	*	RR
C-8	NY7-4920-000	l	1	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4920-000		1	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-10	NY7-4920-000		1	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-11	NY7-4920-000		1	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-12	NY7-4920-000		1	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-13	NY7-4920-000	1	1	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-14	NY7-4920-000		1	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4920-000	1	li	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-16	NY7-4920-000		li	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-17	NY7-4920-000		Ιí	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4920-000	1	li	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-19	NY7-4920-000	1	l i	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-20	NY7-4920-000		1	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-21	NY7-4920-000		1	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4920-000		i	KEYTOP S	*	ABCDEFGHIJKLMNOPQR
	NY7-4921-000				*	ABCDEFGHIJKLMNOPQR
C-8		1	1 1			
C-9	NY7-4921-000		1	KEYTOP F	*	ABCOEFGHIJKLMNOPQR
C-10	NY7-4921-000	1	1	KEYTOP F	*	ABCDEFCHIJKLMNOPQR
C-11	NY7-4921-000	1	1	KEYTOP F	*	ABCDEFGHIJKLMNOPQR

F. NUMERICAL INDEX [COUNTRY CODE AS SHOWN BELOW] COUNTRY CODE: A: USA/CANADA E: LATIN(115V) B: ASIA F: LATIN(230V) C: OCEANIA G: NORWAY

I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY E: LATIN(115V)
F: LATIN(230V)
G: NORWAY
H: DENMARK

D: QUEBEC

C-12 NY7-4921-000		Y	r			T	,
C-12	_	PART NUMBER	RANK	מ'זץ	DESCRIPTION	REMARKS	COUNTRY CODE
C-13		Tritt Nonecii	177	•	00001271201	TION INC	ABCDEFGHIJKLMNOPQR
C-13 NY7-4921-000 1 KEYTOP F	C-12	NY7-4921-000		1	KEYTOP F	*	ABCDEFGHIJKLMNOPQR
C-14	C-13					*	ABCDEFGHIJKLMNOPQR
C-16	C-14	NY7-4921-000		1	KEYTOP F	*	ABCDEFGHIJKLMNOPQR
C-17	C-15	NY7-4921-000	1	1		*	ABCDEFGHIJKLMNOPQR
C-18 NY7-4921-000	C-16	NY7-4921-000		1	KEYTOP F	*	ABCDEFGHIJKLMNOPQR
C-19	C-17	NY7-4921-000		1	KEYTOP F	*	ABCDEFGHIJKLMNOPQR
C-20 NYT-4921-000	C-18	NY7-4921-000		1		*	ABCDEFGHIJKLMNOPQR
C-21 NY7-4921-000	C-19	NY7-4921-000		1	KEYTOP F	*	ABCDEFGHIJKLMNOPQR
C-22 NY7-4922-000 1 KEYTOP H							
C-9							
C-90 NY7-4922-000 1 KEYTOP H							
C-10							
C-11							ABCDEFGHIJKLMNOPQR
C-12 NY7-4922-000 1 KEYTOP H							
C-13 NY7-4922-000							
C-14 NY7-4922-000			'				
C-15 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLIMIOPQR. C-16 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLIMIOPQR. C-18 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLIMIOPQR. C-19 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLIMIOPQR. C-20 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLIMIOPQR. C-21 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLIMIOPQR. C-22 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLIMIOPQR. C-8 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLIMIOPQR. C-9 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLIMIOPQR. C-11 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLIMIOPQR. C-12 NY7-4923-000 1 KEYTOP K *							
C-16			1		and the second con-	-	
C-17 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLMNOPQR. C-18 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLMNOPQR. C-20 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLMNOPQR. C-21 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLMNOPQR. C-21 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLMNOPQR. C-8 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-9 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-10 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-12 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-13 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-14 NY7-4923-000 1 KEYTOP K * AB					the state of the s		
C-18 NY7-4922-000 1 KEYTOP H							
C-19 NY7-4922-000 1 KEYTOP H							
C-20 NY7-4922-000							
C-21 NY7-4922-000							
C-22 NY7-4922-000 1 KEYTOP H * ABCDEFGHIJKLMNOPQR. C-8 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-9 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-11 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-12 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-13 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-14 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-15 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-16 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-18 NY7-4923-000 1 KEYTOP K * ABCDEFGHIJKLMNOPQR. C-19 NY7-4923-000 1 KEYTOP K * AB							
C-8 NY7-4923-000 1 KEYTOP K						1 -	
C-9 NY7-4923-000 1 KEYTOP K							
C-10							
C-11 NY7-4923-000 1 KEYTOP K					7 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
C-12							
C-13 NY7-4923-000							
C-14 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-15 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-16 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-17 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-18 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-20 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-21 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-22 NY7-4924-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-17 NY7-4924-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-20 NY7-4924-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-17 NY7-4925-000 1 KEYTOP M *					The state of the s	1	
C-15 NY7-4923-000							
C-16 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-17 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-18 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-19 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-20 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-21 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-22 NY7-4923-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-17 NY7-4924-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-20 NY7-4924-000 1 KEYTOP K * ABCDEFGHTJKLMNOPQR. C-8 NY7-4925-000 1 KEYTOP M * M. D. M. D. C-18 NY7-4925-000 1 KEYTOP (#617) *							
C-17 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-18 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-19 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-20 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-21 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-22 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-17 NY7-4924-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-20 NY7-4924-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-8 NY7-4925-000 1 KEYTOP M *			ŀ				
C-18 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-19 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-20 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-21 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-22 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-17 NY7-4924-000 1 KEYTOP M * MBCDEFGHI JKLMNOPQR. C-20 NY7-4924-000 1 KEYTOP M * MBCDEFGHI JKLMNOPQR. C-8 NY7-4925-000 1 KEYTOP M *						1	
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C-22 NY7-4923-000 1 KEYTOP K * ABCDEFGHI JKLMNOPQR. C-17 NY7-4924-000 1 KEYTOP M *							ABCDEFGHIJKLMNOPQR
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C-20 NY7-4924-000 1 KEYTOP M *			1		AND THE RESIDENCE OF THE PARTY		M. P.
C-8 NY7-4925-000 1 KEYTOP (#617) * ABCO	C-20	NY7-4924-000			The second secon	*	
C-9 NY7-4925-000 1 KEYTOP (#617) * ABCOR C-22 NY7-4925-000 1 KEYTOP (#617) * ABCOR C-18 NY7-4926-000 1 KEYTOP (#618) * C-10 NY7-4927-000 1 KEYTOP (#619) * C-19 NY7-4927-000 1 KEYTOP (#619) * C-11 NY7-4928-000 1 KEYTOP (#620) * C-12 NY7-4929-000 1 KEYTOP (#621) * C-13 NY7-4930-000 1 KEYTOP (#622) * C-15 NY7-4930-000 1 KEYTOP (#622) *				1		*	ABCDR
C-22 NY7-4925-000 1 KEYTOP (#617) * ABCDR C-18 NY7-4926-000 1 KEYTOP (#618) *				1		*	ABCDR
C-10 NY7-4927-000 1 KEYTOP (#619) * EF				1		*	ABCDR
C-19 NY7-4927-000 1 KEYTOP (#619) * EF				1		*	NN
C-11 NY7-4928-000 1 KEYTOP (#620) *				1		*	EF0
C-12 NY7-4929-000						*	EF0
C-13 NY7-4930-000 1 KEYTOP (#622) *I.K				1		*	G
C-15 NY7-4930-000 1 KEYTOP (#622) *I.K				1		*	H
C-15 NY7-4930-000 1 KEYTOP (#622) * I.K		NY7-4930-000		1	KEYTOP (#622)	*	I.K
C_14				1	KEYTOP (#622)	*	I.K
	C-14	NY7-4931-000		1	KEYTOP (#623)	*	J
C-16 NY7-4932-000 1 KEYTOP (#624) *L	C-16	NY7-4932-000		1	KEYTOP (#624)	*	L

F. NUMERICAL INDEX [COUNTRY CODE AS SHOWN BELOW] COUNTRY CODE: A: USA/CANADA E: LATIN(115V) B: ASIA F: LATIN(230V) C: OCEANIA G: NORWAY D: QUEBEC H: DENMARK

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAPAN G: NORWAY K: W.GERMANY O: SPAIN H: DENMARK L: SWITZERLAND P: ITALY

& KEY NO. PART NUMBER RANK Q'TY DESCRIPTION REMARKS C-21 NY7-4933-000 1 KEYTOP (#625) * C-10 NY7-4934-000 1 KEYTOP (#626) * C-11 NY7-4935-000 1 KEYTOP (#627) * C-12 NY7-4935-000 1 KEYTOP (#627) * C-13 NY7-4935-000 1 KEYTOP (#627) * GHI C-13 NY7-4935-000 1 KEYTOP (#627) * GHI	Q
KEY NO. ABCDEFGHIJK C-21 NY7-4933-000 1 KEYTOP (#625) * C-10 NY7-4934-000 1 KEYTOP (#626) * EF C-11 NY7-4935-000 1 KEYTOP (#627) * GHI C-12 NY7-4935-000 1 KEYTOP (#627) * GHI C-13 NY7-4935-000 1 KEYTOP (#627) * GHI	Q
KEY NO. ABCDEFGHIJK C-21 NY7-4933-000 1 KEYTOP (#625) * C-10 NY7-4934-000 1 KEYTOP (#626) * EFGHI C-11 NY7-4935-000 1 KEYTOP (#627) * GHI C-12 NY7-4935-000 1 KEYTOP (#627) * GHI C-13 NY7-4935-000 1 KEYTOP (#627) * GHI	Q
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C-10 NY7-4934-000 1 KEYTOP (#626) * EF C-11 NY7-4935-000 1 KEYTOP (#627) * GHI C-12 NY7-4935-000 1 KEYTOP (#627) * GHI C-13 NY7-4935-000 1 KEYTOP (#627) * GHI	
C-10 NY7-4934-000 1 KEYTOP (#626) * EF C-11 NY7-4935-000 1 KEYTOP (#627) * GHI C-12 NY7-4935-000 1 KEYTOP (#627) * GHI C-13 NY7-4935-000 1 KEYTOP (#627) * GHI	
C-11	•••••••••••
C-12 NY7-4935-000 1 KEYTOP (#627) *GHI C-13 NY7-4935-000 1 KEYTOP (#627) *GHI	
C-13 NY7-4935-000 1 KEYTOP (#627) * GHI	
	••••••
C-15 NY7-4936-000 1 KEYTOP (#628) * K	
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	P <u>.</u>
C-21 NY7-4943-000 1 KEYTOP (#635) *	Q
	NQR
C-18	NQR
C-21 NY7-4944-000 1 KEYTOP A * ABCGHIJ.	NQR
C-22 NY7-4944-000 1 KEYTOP A * ABCGHIJ.	NQR
C-9 NY7-4945-000 1 KEYTOP A * DEFK	L0P
	L0P
	L0P
10 10 10 10 10 10 10 10 10 10 10 10 10 1	LOP
	L0P
	LOP
	NQR
	NQR
	NQR
	NQR
	. NQR
	NQR
	NQR
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NQR
	LM.OP
12 2 100 40 40 100 0	LM.OP
	NQR
	NQR
	NQR
C-13 NY7-4948-000 1 KEYTOP G * ABCGHIJ.	NQR
	NQR
	NQR
	NQR
C-22 NY7-4948-000 1 KEYTOP G * ABCGHIJ.	NQR
	LM.OP

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAPAN
G: NORWAY K: W.GERMANY O: SPAIN
H: DENMARK L: SWITZERLAND P: ITALY

B: ASIA C: OCEANIA D: QUEBEC

STOURS.		Ι	I		T	COUNTRY CODE
FIGURE &	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	WUNTRY WILE
KEY NO.						ABCDEFGHIJKLMNOPQR
C-19	NY7-4949-000		1	KEYTOP G	*	DEFKLM.OP
C-20	NY7-4949-000	ł	1	KEYTOP G	*	DEFKLM.OP
C-8	NY7-4950-000		1	KEYTOP J	*	ABCGHIJNQR
C-11	NY7-4950-000	Į.	1	KEYTOP J	*	ABCGHIJNQR
C-12	NY7-4950-000		1	KEYTOP J	*	ABCGHIJNQR
C-13	NY7-4950-000		1	KEYTOP J	*	ABCGHIJNQR
C-14	NY7-4950-000		1	KEYTOP J	*	ABCGHIJNQR
C-18	NY7-4950-000		1	KEYTOP J	*	ABCGHIJNQR
C-21	NY7-4950-000		1	KEYTOP J	*	ABCGHIJNQR
C-22	NY7-4950-000		1	KEYTOP J	*	ABCGHIJNQR
C-9	NY7-4951-000		1	KEYTOP J	*	DEFKLM.OP
C-10	NY7-4951-000	l .	1	KEYTOP J	*	DEFKLM.OP
C-15	NY7-4951-000	1	1	KEYTOP J	*	DEFKLM.OP
C-16	NY7-4951-000		1	KEYTOP J	*	DEFKLM.OP
C-17	NY7-4951-000		1	KEYTOP J	*	DEFKLM.OP
C-19	NY7-4951-000		1	KEYTOP J	*	DEFKLM.OP
C-20	NY7-4951-000		1	KEYTOP J	*	DEFKLM.OP
C-8	NY7-4952-000		1	KEYTOP L	*	ABCGHIJNQR
C-11	NY7-4952-000		1	KEYTOP L	*	ABCGHIJNQR
C-12	NY7-4952-000		1 1	KEYTOP L	*	ABCGHIJNQR ABCGHIJNQR
C-13	NY7-4952-000		1	KEYTOP L	*	ABCGHIJNQR
C-14 C-18	NY7-4952-000 NY7-4952-000		1	KEYTOP L KEYTOP L	*	ABCGHIJNQR
C-21	NY7-4952-000		li	KEYTOP L	*	ABCGHIJNQR
C-22	NY7-4952-000		li	KEYTOP L	*	ABC. GHIJ. N. QR.
C-9	NY7-4953-000		li	KEYTOP L	*	DEFKLM.OP
C-10	NY7-4953-000		li	KEYTOP L	*	DEFKLM.OP
C-15	NY7-4953-000		li	KEYTOP L	*	DEFKLM.OP
C-16	NY7-4953-000		li	KEYTOP L	*	DEFKLM.OP
C-17	NY7-4953-000		Ιì	KEYTOP L	*	DEFKLM.OP
C-19	NY7-4953-000		Ιi	KEYTOP L	*	DEFKLM.OP
C-20	NY7-4953-000		1	KEYTOP L	*	DEFKLM.OP
C-17	NY7-4954-000		1	KEYTOP Q	*	
C-10	NY7-4955-000		1	KEYTOP (#636)	*	EF
C-21	NY7-4956-000	ļ	1	KEYTOP (#637)	*	
C-12	NY7-4957-000	1	1	KEYTOP (#638)	*	H
C-11	NY7-4958-000		1	KEYTOP (#639)	*	G
C-8	NY7-4959-000		1	KEYTOP (#640)	*	ABCR
C-22	NY7-4959-000		1	KEYTOP (#640)	*	ABCR
C-9	NY7-4960-000		1	KEYTOP (#641)	*	D
C-13	NY7-4961-000	l	1	KEYTOP (#642)	*	I
C-15	NY7-4962-000	ľ	1 1	KEYTOP (#643)	*	K
C-14	NY7-4963-000	1	1	KEYTOP (#644)	*	
C-16	NY7-4964-000	l	1 !	KEYTOP (#645)	*	L
C-20	NY7-4965-000		1 !	KEYTOP (#646)	*	P
C-17	NY7-4966-000		1 !	KEYTOP (#647)	*	MM
C-18 C-19	NY7-4967-000	ļ		KEYTOP (#648)	*	
C-8	NY7-4968-000 NY7-4969-000	1	1	KEYTOP (#649)	*	ABCOEFGHIJNO.QR
C-9	NY7-4969-000		1 1	KEYTOP Z KEYTOP Z	*	ABCDEFGHIJNO.QR
C-10	NY7-4969-000			KEYTOP Z	*	ABCDEFGHIJNO.QR
C-11	NY7-4969-000		li	KEYTOP Z	*	ABCDEFGHIJNO.QR
C-12	NY7-4969-000			KEYTOP Z	*	ABCDEFGHIJNO.QR
C-13	NY7-4969-000		Ιi	KEYTOP Z	*	ABCDEFGHIJNO.QR
C-14	NY7-4969-000		Ιi	KEYTOP Z	*	ABCDEFGHIJNO.QR
	1	1	L .			

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAPAN G: NORWAY K: W.GERMANY O: SPAIN H: DENMARK L: SWITZERLAND P: ITALY

B: ASIA C: OCEANIA D: QUEBEC

FIGURE							COUNTRY CODE
& KEY NO.	PART NUMBER	rank	Q'TY		DESCRIPTION	REMARKS	ABCDEFGHIJKLMNOPQR
C-18	NY7-4969-000		1	KEYTOP	Z	*	ABCDEFGHIJNO.QR
C-19	NY7-4969-000		1	KEYTOP	Z	*	ABCDEFGHIJNO.QR
C-21	NY7-4969-000	1	1	KEYTOP	7	*	ABCDEFGHIJNO.QR
C-22	NY7-4969-000		1	KEYTOP	Ž C	*	ABCDEFGHIJNO.QR
C-8	NY7-4970-000		1	KEYTOP	С	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4970-000		1	KEYTOP	С	*	ABCDEFGHIJKLMNOPQR
C-10	NY7-4970-000		1	KEYTOP	C	*	ABCDEFGHIJKLMNOPQR
C-11	NY7-4970-000		1	KEYTOP	C	*	ABCDEFGHIJKLMNOPQR
C-12	NY7-4970-000		1	KEYTOP	Ċ	*	ABCDEFGHIJKLMNOPQR
C-13	NY7-4970-000		1	KEYTOP	Č	*	ABCDEFGHIJKLMNOPQR
C-14	NY7-4970-000		1	KEYT0P	Č	*	ABCDEFGHIJKLMNOPQR
C-15	NY7-4970-000		1	KEYTOP	Č	*	ABCDEFGHIJKLMNOPQR
C-16	NY7-4970-000		1	KEYTOP	Č	*	ABCDEFGHIJKLMNOPQR
C-17	NY7-4970-000		1	KEYTOP	C	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4970-000		1	KEYT0P	C	*	ABCDEFGHIJKLMNOPQR
C-19	NY7-4970-000		1	KEYT0P	Č	*	ABCDEFGHIJKLMNOPQR
C-20	NY7-4970-000		1	KEYTOP	C	*	ABCDEFGHIJKLMNOPQR
C-21	NY7-4970-000		1	KEYTOP	C	*	ABCOEFGHIJKLMNOPQR
C-22	NY7-4970-000		1	KEYTOP	C	*	ABCDEFGHIJKLMNOPQR
C-8	NY7-4971-000		1	KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-9	NY7-4971-000		1 1	KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-10	NY7-4971-000		1 !	KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-11	NY7-4971-000		1	KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-12	NY7-4971-000		1	KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-13 C-14	NY7-4971-000		1	KEYTOP	В	*	ABCDEFCHIJKLMNOPQR
C-14 C-15	NY7-4971-000		1	KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-16	NY7-4971-000 NY7-4971-000		1	KEYTOP	B B	*	ABCDEFGHIJKLMNOPQR
C-17	NY7-4971-000		1	KEYTOP KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-18	NY7-4971-000			KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-19	NY7-4971-000		li	KEYTOP	8	*	ABCDEFGHIJKLMNOPQR
C-20	NY7-4971-000		l i	KEYTOP	В	*	ABCDEFCHIJKLMNOPQR
C-21	NY7-4971-000		1	KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-22	NY7-4971-000		1	KEYTOP	В	*	ABCDEFGHIJKLMNOPQR
C-8	NY7-4972-000		li	KEYTOP	M	*	ABCDEFGHIJKL.NOPQR
Č-Š	NY7-4972-000		li	KEYTOP	M	*	ABCOEFGHIJKL.NOPQR
C-10	NY7-4972-000		l i	KEYTOP	M	*	ABCOEFGHIJKL.NOPQR
C-11	NY7-4972-000		li.	KEYTOP	M	*	ABCOEFGHIJKL.NOPQR
C-12	NY7-4972-000		1	KEYTOP	M	*	ABCOEFGHIJKL.NOPQR
C-13	NY7-4972-000		1	KEYTOP	M	*	ABCDEFGHIJKL.NOPQR
C-14	NY7-4972-000		1	KEYTOP	M	*	ABCDEFGHIJKL.NOPQR
C-15	NY7-4972-000		1	KEYTOP	M	*	ABCDEFGHIJKL.NOPQR
C-16	NY7-4972-000		1	KEYTOP	M	*	ABCDEFGHIJKL.NOPQR
C-18	NY7-4972-000		1	KEYTOP	M	*	ABCDEFGHIJKL.NOPQR
C-19	NY7-4972-000		ĺi	KEYTOP	M	*	ABCDEFGHIJKL.NOPQR
C-21	NY7-4972-000		1	KEYTOP	M	*	ABCDEFGHIJKL.NOPQR
C-22	NY7-4972-000		1	KEYTOP	M	*	ABCDEFGHIJKL.NOPQR
C-15	NY7-4973-000		1	KEYTOP	Y	*	KL
C-16	NY7-4973-000		1	KEYTOP	Y	*	KL
C-17	NY7-4974-000		1	KEYTOP	W	*	
C-20	NY7-4974-000		1	KEYTOP	W	*	
C-17	NY7-4975-000		1	KEYTOP	(#650)	*	
C-20	NY7-4975-000		1	KEYTOP	(#650)	*	
C-8	NY7-4976-000		1	KEYTOP	(#651)	*	ABCDEFNQR
C-9	NY7-4976-000		1	KEYTOP	(#651)	*	ABCDEFNQR
L	L		Ь	L			L

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAPAN G: NORWAY K: W.GERMANY O: SPAIN H: DENMARK L: SWITZERLAND P: ITALY B: ASIA C: OCEANIA D: QUEBEC

FIGURE & PART NUMBER RANK Q'TY DESCRIPTION REMARKS	nne l
	JUC
KEY NO. ABCDEFGHIJKLMNOI	2QR
C-10	
C-18 NY7-4976-000 1 KEYTOP (#651) * ABCDEF	.QR
C-21 NY7-4976-000 1 KEYTOP (#651) * ABCDEFN.	.QR
C-22 NY7-4976-000 1 KEYTOP (#651) * ABCDEFN.	.QR
C-11 NY7-4977-000 1 KEYTOP (#652) *GHIJKL0	
C-12 NY7-4977-000 1 KEYTOP (#652) *GHIJKL0	
C-13 NY7-4977-000 1 KEYTOP (#652) *GHIJKL0	
C-14 NY7-4977-000 1 KEYTOP (#652) *GHIJKL0	
C-15 NY7-4977-000 1 KEYTOP (#652) *GHIJKL0	
C-16 NY7-4977-000 1 KEYTOP (#652) *GHIJKL0	
10.11	
C-20	
C-11 NY7-4979-000 1 KEYTOP (#654) * GHIJK	
C-12	
C-13 NY7-4979-000 1 KEYTOP (#654) * GHIJK	
C-14 NY7-4979-000 1 KEYTOP (#654) * GHIJK	
C-15 NY7-4979-000 1 KEYTOP (#654) * GHIJK	
C-17 NY7-4980-000 1 KEYTOP (#655) *	
C-19 NY7-4981-000 1 KEYTOP (#656) *	
C-20 NY7-4982-000 1 KEYTOP (#657) *	P
C-10 NY7-4983-000 1 KEYTOP (#658) *EF	
C-11	
C-12	
C-13	
C-15	
C-14 NY7-4987-000 1 KEYTOP (#662) * J	
C-16	
C-18 NY7-4989-000 1 KEYTOP (#664) *	
C-19	
C-20	
C-21	
C-8 NY7-4993-000 1 KEYTOP X	.QR
C-11 NY7-4993-000 1 KEYTOP X * ABCGHIJN.	
C-12 NY7-4993-000 1 KEYTOP X	.QR
C-13 NY7-4993-000 1 KEYTOP X * ABCGHIJN.	
C-14 NY7-4993-000 1 KEYTOP X	
C-18 NY7-4993-000 1 KEYTOP X * ABCGHIJN.	
C-21 NY7-4993-000 1 KEYTOP X * ABCGHIJN.	
C-22 NY7-4993-000 1 KEYTOP X * ABCGHIJN.	
C-9	
C-10	
C-15	
C-17 NY7-4994-000 1 KEYTOP X * DEFKLM.01	
C-19 NY7-4994-000 1 KEYTOP X *DEFKLM.00	
C-20 NY7-4994-000 1 KEYTOP X * DEFKLM.00	
C-8	
C-11	
C-12	.QR
C-13	
C-14	.QR
C-18 NY7-4995-000 1 KEYTOP V * ABCGHIJN.	.QR
C-21 NY7-4995-000 1 KEYTOP ∨ * ABCGHIJN.	.QR

E: LATIN(115V) I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA F: LATIN(230V) J: NETHERLANDS N: U.K. R: JAPAN G: NORWAY K: W.GERMANY O: SPAIN H: DENMARK L: SWITZERLAND P: ITALY B: ASIA C: OCEANIA D: QUEBEC

FIGURE &	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.						ABCDEFGHIJKLMNOPQR
& KEY NO. C-22 C-9 C-10 C-15 C-16 C-17 C-19 C-20 C-8 C-11 C-12 C-13 C-14 C-18 C-21 C-22 C-9 C-10 C-15 C-16 C-17 C-19 C-20 C-8	NY7-4995-000 NY7-4996-000 NY7-4996-000 NY7-4996-000 NY7-4996-000 NY7-4996-000 NY7-4996-000 NY7-4997-000 NY7-4997-000 NY7-4997-000 NY7-4997-000 NY7-4997-000 NY7-4997-000 NY7-4997-000 NY7-4997-000 NY7-4998-000 NY7-4998-000 NY7-4998-000 NY7-4998-000 NY7-4998-000 NY7-4998-000 NY7-4998-000 NY7-4998-000 NY7-4998-000 NY7-4998-000 NY7-4998-000 NY7-4998-000 NY7-4998-000 NY7-4998-000 NY7-4998-000	RANK	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KEYTOP V KEYTOP V KEYTOP V KEYTOP V KEYTOP V KEYTOP V KEYTOP V KEYTOP N	***********	ABCDEFGHIJKLMNOPQR ABCGHIJNQR DEFKLM.OP DEFKLM.OP DEFKLM.OP DEFKLM.OP DEFKLM.OP DEFKLM.OP DEFKLM.OP ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR ABCGHIJNQR DEFKLM.OP DEF
C-17 C-19 C-20 C-8 C-21 C-22 C-2 12 C-2 2 C-2 3 C-2 4 C-2 5 C-2 6 C-2 7 C-2 7 C-2 7 C-2 9 C-2 10 C-2 11 C-3 C 25 C-3 C 7 C-3 C 7 C-3 C 7 C-3 C 7 C-3 C 7 C-3 C 7 C-3 C 7 C-3 C 7 C-3 C 7 C-3 C 7 C-3 C 7 C-3 C 7 C-3 C 7 C-3 C 7	NY7-4998-000 NY7-4998-000 NY7-4998-000		1 1 1	KEYTOP N KEYTOP N KEYTOP N	* * *	DEFKLM.OP DEFKLM.OP
C-3 C 16 C-3 C 17 C-3 C 8 C-3 C 18 C-3 C 5 C-3 C 24 C-3 C 12 C-3 C 12 C-3 C 14 C-3 C 1 C-3 C 1 C-3 C 1 C-3 C 3	NY7-6614-000 NY7-6614-000 NY7-6615-000 NY7-6616-000 NY7-6617-000 NY7-6618-000 NY7-6619-000 NY7-6620-000 NY7-6620-000 NY7-6621-000		1 1 1 1 1 1 1 1 1 1 1 1 1	FILM CAP. 1000UF 16V FILM CAP. 1000UF 16V ALUMINUM CAP. 220UF 10V ALUMINUM CAP. 330UF 16V FILM CAP. 0.22UF 250V FILM CAP. 0.22UF 250V FILM CAP. 0.22UF 250V FILM CAP. 0.22UF 100V FILM CAP. 0.22UF 100V FILM CAP. 0.01UF 250V FILM CAP. 0.01UF 250V MPR CAP. 4700PF 250V	** ** * * * * * * * * * * * * * * * * *	A

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D: QUEBEC

REY NO. ABCDEFGHIJKLMNOPQR. A	C-3 C 13 N' C-3 F 1 N' C-3 Q 2 N' C-3 IC 1 N'			DESCRIPTION	REMARKS	1
C-3 F 1 NY7-6623-000	C-3 F 1 N C-3 Q 2 N C-3 IC 1 N	- 100 - 20 1000 100 - 20 - 20	 			ABCDEFGHIJKLMNOPQR
C-10	C-3 D 11 C-3 D 12 C-3 D 12 C-3 D 2 C-3 D 2 C-3 D 4 N' C-3 D 3 C-3 D 3 C-3 D 8 1 C-3 SCR 1 N' C-3 R 12 C-3 R 11 C-3 R 12 C-3 R 1 C-3 R 12 C-3 R 1 N' C-3 L 7 C-3 L 7 C-3 L 7 C-3 L 7 C-3 L 7 C-3 L 7 N' N' C-3 L 7 N' N' N' C-3 L 7 N' N' N' C-3 L 7 N' N' N' C-3 L 7 N' N' N' C-3 L 7 N' N' N' C-3 L 7 N' N' N' C-3 L 7 N' N' N' C-3 L 7 N' N' N' C-3 L 7 N' N' N' C-3 L 7 N' N' N' C-3 L 7 N' N' N' N' C-3 L 7 N' N' N' C-3 L 7 N' N' N' N' C-3 L 7 N' N' N' N' N' N' N' N' N' N' N' N' N'	NY7-6623-000 NY7-6626-000 NY7-6626-000 NY7-6626-000 NY7-6626-000 NY7-6626-000 NY7-6626-000 NY7-6627-000 NY7-6629-000 NY7-6630-000 NY7-6630-000 NY7-6631-000 NY7-6631-000 NY7-6631-000 NY7-6635-000 NY7-6635-000 NY7-6636-000 NY7-6636-000 NY7-6640-000 NY7-6640-000 NY7-6640-000 NY7-6640-000 NY7-6640-000 NY7-6640-000 NY7-6640-000 NY7-6640-000 NY7-6640-000 NY7-6650-000 NY7-6650-000 NY7-6650-000 NY7-6650-000 NY7-6650-000 NY7-6650-000 NY7-6650-000 NY7-6650-000 NY7-6650-000 NY7-6650-000 NY7-6650-000 NY7-6650-000 NY7-6650-000 NY7-8003-000 NY7-8003-000 NY7-8003-000 NY7-8003-000 NY7-8003-000 NY7-8003-000 NY7-8003-000 NY7-8003-000 NY7-8004-000 NY7-8004-000 NY7-8004-000		FUSE 2A 250V TRANSISTOR 2SC1942-20 IC AS431 DIODE 1N4606 DIODE 1N4606 DIODE 1N4606 ZENER DIODE A40MA DIODE RGP10J DIODE RGP10B DIODE 1N4001GP DIODE RGP10M DIODE RGP10M DIODE RGP10M DIODE BRIDGE KBP08-5001 THYRISTOR C122U RESISTOR 330K OHM 1/2W RESISTOR 7.75 OHM 1W RESISTOR 1 OHM 1W RESISTOR 1 OHM 1W RESISTOR 1 A OHM INDUCTOR 2.2UH INDUCTOR 1.5MH CHOKE COIL TRANSFORMER TRANSFORMER TRANSFORMER TRANSFORMER DIODE DIODE DIODE DIODE DIODE DIODE DIODE ALUMINUM CAP. 470UF 25V CERAMIC CAP. 470PF 2KV RESISTOR 120 OHM 1W RESISTOR 270 OHM 1W RESISTOR 270 OHM 1W RESISTOR 270 OHM 1W RESISTOR 33 OHM 3W KEYTOP (#669) KEYTOP (#671) KEYTOP (#671) KEYTOP (#671) KEYTOP (#672) KEYTOP (#672) KEYTOP (#672) KEYTOP (#672) KEYTOP (#672) KEYTOP (#672)	*************	A

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FIGURE							COUNTRY CODE
& KEY NO.	PART NUMBER	RANK	Q'TY		DESCRIPTION	REMARKS	ABCDEFGHIJKLMNOPQR
	107 0040 000	-		WENEROD	(4000)		M
C-18	NY7-8012-000		1	KEYTOP	(#680)	*	NN
C-10	NY7-8013-000		1	KEYTOP	(#681)	*	EFKLM.OP
C-15	NY7-8013-000		1	KEYTOP	(#681)	*	EFKLM.OP
C-16	NY7-8013-000		1	KEYTOP	(#681)	*	EFKLM.OP
C-17	NY7-8013-000		1	KEYTOP	(#681)	*	EFKLM.OP
C-19	NY7-8013-000		1	KEYTOP	(#681)	*	EFKLM.OP
C-20	NY7-8013-000		1	KEYTOP	(#681)	*	EFKLM.OP
C-11	NY7-8014-000	l	1	KEYTOP	SHIFT	*	GHIJNQ
C-12	NY7-8014-000	i	1	KEYTOP	SHIFT	*	GHIJNQ
C-13	NY7-8014-000		1	KEYTOP	SHIFT	*	GHIJNQ
C-14	NY7-8014-000		1	KEYTOP	SHIFT	*	GHIJNQ
C-18	NY7-8014-000		1	KEYTOP	SHIFT	*	GHIJNQ
C-21	NY7-8014-000		1	KEYTOP	SHIFT	*	GHIJNQ
C-9	NY7-8015-000		1	KEYTOP	(#682)	*	DEFKLM.OP
C-10	NY7-8015-000		1	KEYTOP	(#682)	*	DEFKLM.OP
C-15	NY7-8015-000		1	KEYTOP	(#682)	*	DEFKLM.OP
C-16	NY7-8015-000		1	KEYTOP	(#682)	*	DEFKLM.OP
C-17	NY7-8015-000		1	KEYTOP	(#682)	*	DEFKLM.OP
C-19	NY7-8015-000		1	KEYTOP	(#682)	*	DEFKLM.OP
C-20	NY7-8015-000		1	KEYTOP	(#682)	*	DEFKLM.OP
C-8	NY7-8016-000		1	KEYTOP	PERM SPACE/TAB	*	ABCGHIJNQR
C-11	NY7-8016-000		1	KEYTOP	PERM SPACE/TAB	*	ABCGHIJNQR
C-12	NY7-8016-000		1	KEYTOP	PERM SPACE/TAB	*	ABCGHIJNQR
C-13	NY7-8016-000		1	KEYTOP	PERM SPACE/TAB	*	ABCGHIJNQR
C-14	NY7-8016-000		1	KEYTOP	PERM SPACE/TAB	*	ABCGHIJNQR
C-18	NY7-8016-000		1	KEYTOP	PERM SPACE/TAB	*	ABCGHIJNQR
C-21	NY7-8016-000		1	KEYTOP	PERM SPACE/TAB	*	ABCGHIJNQR
C-22	NY7-8016-000		1	KEYT0P	PERM SPACE/TAB	*	ABCGHIJNQR
C-9	NY7-8017-000		1	KEYTOP	(#683)	*	DEFKLM.OP
C-10	NY7-8017-000		1	KEYTOP	(#683)	*	DEFKLM.OP
C-15	NY7-8017-000		1	KEYTOP	(#683)	*	DEFKLM.OP
C-16	NY7-8017-000		1	KEYTOP	(#683)	*	DEFKLM.OP
C-17	NY7-8017-000		1	KEYTOP	(#683)	*	DEFKLM.OP
C-19	NY7-8017-000	1	1	KEYTOP	(#683)	*	DEFKLM.OP
C-20	NY7-8017-000		1	KEYTOP	(#683)	*	DEFKLM.OP
C-8	NY7-8018-000		1 1	KEYTOP	ERASE	*	ABCGHIJNQR
C-11	NY7-8018-000	1	1	KEYTOP	ERASE	*	ABCGHIJNQR
C-12	NY7-8018-000		1 1	KEYTOP	ERASE	*	ABCGHIJNQR
C-13	NY7-8018-000		1	KEYTOP	ERASE	*	ABCGHIJNQR
C-14	NY7-8018-000		1	KEYTOP	ERASE	*	ABCGHIJNQR
C-18	NY7-8018-000		1	KEYTOP	ERASE	*	ABCGHIJNQR
C-21	NY7-8018-000		1	KEYTOP	ERASE	*	ABCGHIJNQR
C-22	NY7-8018-000		1	KEYTOP	ERASE (#COA)	*	ABCGHIJNQR
C-9	NY7-8019-000		1 1	KEYTOP	(#684)	*	DEFKLM.OP
C-10	NY7-8019-000		1	KEYTOP	(#684)	*	DEFKLM.OP
C-15 C-16	NY7-8019-000 NY7-8019-000		1	KEYTOP	(#684) (#684)	*	DEFKLM.OP
C-16 C-17			1	KEYTOP	(#684)	*	DEFKLM.OP
C-17	NY7-8019-000		1	KEYTOP	(#684) (#684)	*	DEFKLM.OP
	NY7-8019-000		1	KEYTOP	(#684)	*	DEFKLM.OP
C-20	NY7-8019-000		1	KEYTOP	(#684)	*	APC CUT I N OP
C-8	NY7-8020-000		1	KEYTOP	SHIFT	*	ABCGHIJNQR
C-11	NY7-8020-000		1	KEYTOP	SHIFT	*	ABCGHIJNQR
C-12	NY7-8020-000		1	KEYTOP	SHIFT	*	ABCGHIJNQR
C-13	NY7-8020-000		1	KEYTOP	SHIFT	*	ABCGHIJNQR
C-14	NY7-8020-000		1	KEYTOP	SHIFT	*	ABCGHIJNQR

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FIGURE &	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.						ABCDEFGHIJKLMNOPQR
KEY NO. C-1 R 57 C-1 R101 C-1 R102 C-1 R103 C-1 R105 C-1 R 46 C-1 R 45 C-1 R 46 C-1 R 56 C-3 R 27 C-1 R 56 C-3 R 25 C-3 R 24 C-3 R 24 C-3 R 21 C-1 R 55 C-1 R 50 C-1 R 70 C-1	VR1-1143-103 VR1-1143-103 VR1-1143-103 VR1-1143-103 VR1-1143-103 VR1-1143-105 VR1-1143-106 VR1-1143-106 VR1-1143-220 VR1-1143-221 VR1-1143-221 VR1-1143-221 VR1-1143-221 VR1-1143-270 VR1-1143-270 VR1-1143-331 VR1-1143-331 VR1-1143-332 VR1-1143-473 VR1-1143-473 VR1-1143-473 VR1-1143-473 VR1-1143-473 VR1-1143-473 VR1-1143-473 VR1-1143-680	RANK	Q'TY 1	RESISTOR 10K OHM 1/4W RESISTOR 10K OHM 1/4W RESISTOR 10K OHM 1/4W RESISTOR 10K OHM 1/4W RESISTOR 10K OHM 1/4W RESISTOR 10K OHM 1/4W RESISTOR 10K OHM 1/4W RESISTOR 10M OHM 1/4W RESISTOR 10M OHM 1/4W RESISTOR 10M OHM 1/4W RESISTOR 20 OHM 1/4W RESISTOR 22 OHM 1/4W RESISTOR 22 OHM 1/4W RESISTOR 22K OHM 1/4W RESISTOR 27 OHM 1/4W RESISTOR 27 OHM 1/4W RESISTOR 33 OHM 1/4W RESISTOR 330 OHM 1/4W RESISTOR 330 OHM 1/4W RESISTOR 3.3K OHM 1/4W RESISTOR 3.3K OHM 1/4W RESISTOR 3.3K OHM 1/4W RESISTOR 3.3K OHM 1/4W RESISTOR 3.3K OHM 1/4W RESISTOR 3.3K OHM 1/4W RESISTOR 3.3K OHM 1/4W RESISTOR 3.3K OHM 1/4W RESISTOR 3.3K OHM 1/4W RESISTOR 3.3K OHM 1/4W RESISTOR 3.3K OHM 1/4W RESISTOR 3.3K OHM 1/4W RESISTOR 3.7K OHM 1/4W RESISTOR 4.7K OHM 1/4W RESISTOR 4.7K OHM 1/4W RESISTOR 4.7K OHM 1/4W RESISTOR 4.7K OHM 1/4W RESISTOR 4.7K OHM 1/4W RESISTOR 4.7K OHM 1/4W RESISTOR 4.7K OHM 1/4W RESISTOR 4.7K OHM 1/4W RESISTOR 4.7K OHM 1/4W RESISTOR 4.7K OHM 1/4W RESISTOR 4.7K OHM 1/4W RESISTOR 5.6 OHM 1/4W RESISTOR 5.6 OHM 1/4W RESISTOR 5.6 OHM 1/4W RESISTOR 6.8 OHM 1/4W RESISTOR 6.8 OHM 1/4W RESISTOR 8.2 OHM 1/4W RESISTOR 8.2 OHM 1/4W METAL RESISTOR 22K OHM 1/4W	*** *** *** *** ** ** ** ** **	ABCOEFGHIJKLMNOPQR A. D. R. R. A. D. R. A. A. A. D. R. A. A. D. R. A. A. A. D. R. A. A. A. D. R. A. A. A. A. D. R. A. A. A. A. A. A. A. A. A. A. A. A. A.
C-1 R 29 C-1 R 30 C-1 R 44 C-1 R200 C-1 R 31 C-1 R 32 C-1 R 51 C-1 R 4	VR5-0041-102 VR5-0041-102 VR5-0041-102 VR5-0041-102 VR5-0041-912 VR5-0042-802 VR5-0043-300		1 1 1 1 1 1 1 1	METAL RESISTOR 11K OHM 1/4W METAL RESISTOR 11K OHM 1/4W METAL RESISTOR 11K OHM 1/4W METAL RESISTOR 11K OHM 1/4W METAL RESISTOR 16.9K OHM 1/4W METAL RESISTOR 19.1K OHM 1/4W METAL RESISTOR 28K OHM 1/4W METAL RESISTOR 330 OHM 1/4W	* * * *	A. D. R. A. D. R. A. D. R. A. D. R. A. D. R. A. D. R. A. D. R. A. D. R. A. D. R. A. D. R. A. D. R. ABCDEFGHIJKLMNOPQR. A. D. R. R. A. D. R. R. A. D. R. R. A. D. R. R. A. D. R. R. A. D. R. R. R. A. D. R. R. R. R. R. R. R. R. R. R. R. R. R.
C-1 R 40	VR5-0043-300 VR5-0043-322		1	METAL RESISTOR 330 OHM 1/4W METAL RESISTOR 33.2K OHM 1/4W		ADRR

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FIGURE	PART NIMBER	BVNK	ח'דע	DESCRIPTION	REMARKS	COUNTRY CODE
KEY NO.	PANT NOMOCH	INAMA	Q II	DESCRIPTION	NUMANNO	ABCDEFGHIJKLMNOPQR
&	VR5-0043-402 VR5-0044-222 VR5-0044-709 VR5-0044-750 VR5-0048-062 VR5-0410-102 VR5-0410-102 VR5-0410-102 VR5-0580-101 VR5-0580-101 VR5-0580-101 VR5-0580-101 VR5-0580-101 VR5-0580-221 VR5-0580-221 VR5-0580-221 VR5-0580-221 VR5-0580-221 VR5-0580-221 VR5-0580-221 VR5-0580-221 VR5-0580-221 VR5-0580-225 VR5-0580-200 VR5-2950-100 VR5-2950-100 VR5-2950-100 VR5-2950-100 VR5-2950-100 VR5-2950-100 VR5-0580-221 VR5-0580-221 VR5-0580-221 VR5-0580-221 VR5-0580-221 VR5-0580-200 VR5-2950-100 VR5-2950-100 VR1-0068-000 WA1-0068-000	RANK	Q'TY 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	METAL RESISTOR 34K OHM 1/4W METAL RESISTOR 42.2K OHM 1/4W METAL RESISTOR 47 OHM 1/4W METAL RESISTOR 47 OHM 1/4W METAL RESISTOR 475 OHM 1/4W METAL RESISTOR 80.6K OHM 1/4W RESISTOR ARRAY 1K OHM 1/8WX7 RESISTOR ARRAY 1K OHM 1/8WX7 RESISTOR ARRAY 1K OHM 1/8WX7 RESISTOR ARRAY 1K OHM 1/8WX7 RESISTOR ARRAY 1OO OHM 1/8WX4 RESISTOR ARRAY 100 OHM 1/8WX4 RESISTOR ARRAY 100 OHM 1/8WX4 RESISTOR ARRAY 100 OHM 1/8WX4 RESISTOR ARRAY 100 OHM 1/8WX4 RESISTOR ARRAY 100 OHM 1/8WX4 RESISTOR ARRAY 220 OHM 1/8W X4 RESISTOR ARRAY 100 OHM 1/8WX4 RESISTOR ARRAY 100 OH	** ** * * * * * * * * * * * * * * * *	
C-1 D 7 C-1 D 8 C-3 Q 3 C-1 Q 2	WA1-0630-000 WA1-0630-000 WA2-0093-000 WA2-0796-000		1 1 1 1	DIODE EM01Z DIODE EM01Z TRANSISTOR 2S8561 TRANSISTOR RN1201	*	A. D
C-1 Q 4 C-1 Q 1 C-1 Q 1 C-1 IC100	WA2-0796-000 WA2-0796-000 WA2-0876-000 WA2-0882-000 WA3-0137-000		1 1 1 1	TRANSISTOR RN1201 TRANSISTOR RN1201 TRANSISTOR RN2201 TRANSISTOR RN2206 TIL IC SN74LS74A	*	A.D. R. ABCDEFGHIJKLMNOPQR. BC.EFGHIJKLMNOPQ. A.D. R. A.D. R.
C-1 IC 44 C-1 IC 46 C-1 IC 12 C-1 IC 45 C-1 IC 10	WA3-0343-000 WA3-0343-000 WA3-0434-000 WA3-0881-000 WA3-0894-000		1 1 1 1	TTL IC 74LS38N TTL IC 74LS38N TTL IC SN74128N TTL IC HD74LS14P TTL IC HD74LS05P	*	BC.EFGHIJKLMNOPQBC.EFGHIJKLMNOPQABCDEFGHIJKLMNOPQRBC.EFGHIJKLMNOPQABCDEFGHIJKLMNOPQR.
C-1 IC 32	WA3-0894-000		i	TTL IC H074LS05P	*	ABCDEFGHIJKLMNOPQR

Q: S.AFRICA R: JAPAN

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FIGURE & KEY NO.	PART NUMBER	RANK	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE ABCDEFGHIJKLMNOPQR
C-1 IC 33 C-1 IC 1 C-1 IC 22	WA3-1197-000 WA3-1847-000 WA3-3023-000		1 1 8	TTL IC HD74LS132P MOS LSI MC68000P8(CPU) MOS LSI MB81464-15 (RAM)	*	ABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRR.
C-1 IC 29 C-1 IC 34 C-1 IC 11 C-1 IC 42 C-1 IC 43 C-1 IC 35 C-1 IC 36 C-1 IC 37 C-1 IC 37 C-1 IC 39 C-1 IC 39 C-1 IC 39 C-1 IC 39 C-1 IC 39 C-1 IC 39 C-1 IC 39 C-1 IC 39 C-1 IC 39 C-1 IC 39 C-1 IC 39 C-1 IC 39 C-1 IC 39	WA3-3048-000 WA3-3177-000 WA4-0320-000 WA4-0626-000 WA4-0722-000 WA4-0769-000 WA4-0770-000 WA4-0771-000 WA4-0771-000 WA8-0038-000 WA8-0040-000 WA8-0135-000 WA8-0135-000		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MOS LSI MC68681(DUART) MOS LSI UPD4364C-15LL (RAM) IC UPC7905H IC MB3771-M IC UA1488PC IC UA1489APC MOS LSI S35212A MOS LSI S35213 MOS LSI S2579 IC MPC 4558C VARISTOR VR-61SS VARISTOR SNR-14P470K SURGE ABSORBER RAV-361LD VARISTOR MFC 125AX333M	* * * * * * * * *	ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCDEFGHIJKLMNOPQR ABCD ABCD ABCD ABCD ABCD ABCD ABCD ABCD
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C-1 C 37 C-1 C 41 S C-1 C 50	WA8-0135-000		10	VARISTOR MFC 125AX333M		ADR
C-1 C 60 C-1 C 62	WA8-0135-000 WA8-0135-000		1 6	VARISTOR MFC 125AX333M VARISTOR MFC 125AX333M		ADRRRRR
C-1 C 67 C-1 C 81 C-1 C 91 C-1 C107 C-1 C108 C-1 IC 2 C-1 IC 3 C-1 IC 4 C-1 IC 5 C-1 IC 6 C-1 IC 7 C-1 IC 8 C-1 IC 9 C-1 IC 14	WA8-0135-000 WA8-0135-000 WA8-0135-000 WA9-0058-000 WA9-0058-000 WA9-0058-000 WA9-0058-000 WA9-0058-000 WA9-0058-000 WA9-0058-000 WA9-0068-000 WA9-0068-000 WA9-0068-000	a.	1 1 1 1 1 1 1	VARISTOR MFC 125AX333M VARISTOR MFC 125AX333M VARISTOR MFC 125AX333M VARISTOR MFC 125AX333M IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN IC SOCKET 28PIN	* * * * * * *	A.D. R. A.D. R. A.D. R. A.D. R. ABCDEFGHIJKLMNOPQR. A.D. R. ABCDEFGHIJKLMNOPQR. A.D. R. BC.EFGHIJKLMNOPQ. BC.EFGHIJKLMNOPQ. BC.EFGHIJKLMNOPQ. BC.EFGHIJKLMNOPQ. BC.EFGHIJKLMNOPQ.

F. NUMERICAL INDEX [COUNTRY CODE AS SHOWN BELOW] COUNTRY CODE: A: USA/CANADA E: LATIN(115V) B: ASIA F: LATIN(230V) C: OCEANIA G: NORWAY D: OUIFREC | DETWOOM

I: SWEDEN/FINLAND M: FRANCE Q: S.AFRICA
J: NETHERLANDS N: U.K. R: JAPAN
K: W.GERMANY O: SPAIN
L: SWITZERLAND P: ITALY

E: LATIN(115V)
F: LATIN(230V)
G: NORWAY
H: DENMARK D: QUEBEC

FIGURE & KEY NO.	PART NUMBER	rank	Q'TY	DESCRIPTION	REMARKS	COUNTRY CODE ABCDEFGHIJKLWNOPQR
C-1 IC 15 C-1 IC 16 C-1 IC 17 C-1 IC 18 C-1 IC 19 C-1 IC 20 C-1 IC 21 C-1 K 1 C-1 K 2 C-1 SW 1 C-1 SW 2 C-1 I L 1 C-1 L 2 C-1 L 3 C-1 L 4 C-1 FB 1	WA9-0067-000 WA9-0067-000 WA9-0067-000 WA9-0067-000 WA9-0067-000 WA9-0067-000 WA9-0067-000 WB1-0135-000 WB1-0135-000 WB1-0135-000 WE2-0068-000 WE2-0068-000 WE2-0068-000 WE2-0068-000 WE2-0068-000 WE2-0068-000 WE2-0068-000		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IC SOCKET 8P IC SOCKET 8P IC SOCKET 8P IC SOCKET 8P IC SOCKET 8P IC SOCKET 8P IC SOCKET 8P IC SOCKET 8P IC SOCKET 8P SELAY 66E-134P-US RELAY 66E-134P-US SLIDE SWITCH PUSH SWITCH PUSH SWITCH, SPJ312TE1S POWER TRANSFORMER CHOKE COIL 1UH CHOKE COIL 1UH CHOKE COIL 1UH CHOKE COIL 1UH DATA LINE FILTER	* *	.BC.EFGHIJKLMNOPQBC.EFGHIJKLMNOPQBC.EFGHIJKLMNOPQBC.EFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRA.DRABCDEFGHIJKLMNOPQRABCDEFGHIJKLMNOPQRBC.EFGHIJKLMNOPQRBC.EFGHIJKLMNOPQRBC.EFGHIJKLMNOPQRBC.EFGHIJKLMNOPQBC.EFGHIJKLMNOPQBC.EFGHIJKLMNOPQBC.EFGHIJKLMNOPQBC.EFGHIJKLMNOPQBC.EFGHIJKLMNOPQ
C-1 FB 23 C-1 FB 25 C-1 FB 26 C-1 FB 15 C-1 FB 15 C-1 FB 17	WE8-0012-000 WE8-0012-000 WE8-0060-000		1 1 15	DATA LINE FILTER DATA LINE FILTER FERRITE BEAD		.BC.EFGHIJKLMNOPQ
C-1 FB 17 C-1 FB 25 C-1 L 2 C-1 L 3 C-1 L 5 C-1 LC 1 C-1 LC 2 C-1 LC 3 C-1 LC 3 C-1 LC 3 C-1 LC 3 C-1 LC 3 C-1 LC 7 B 17 C-1 X 4 C-1 X 2 C-1 X 3 C-1 BZ C-1 CN 6 C-1 CN 7 B 18 B 18 B 18 B 18 B 18 C-3 Q 1 C-6 20 C-6 20 C-6 21	WE8-0060-000 WE8-0060-000 WE8-0060-000 WE8-0060-000 WE8-0060-000 WE8-0060-000 WK1-0013-000 WK2-0358-000 WK2-0358-000 WK2-0358-000 WK2-0359-000 WK2-0360-000 WK3-0025-000	×	8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FERRITE BEAD FERRITE BEAD FERRITE BEAD FERRITE BEAD FERRITE BEAD FERRITE BEAD FERRITE BEAD FERRITE BEAD RING DETECTOR PC733H LITHIUM BATTERY CR-2032 CRYSTAL OSC. 3579.545KHZ CRYSTAL OSCILLATOR 19.968MHZ CRYSTAL OSCILLATOR 3.6864MHZ CRYSTAL OSCILLATOR 2.4576MHZ BUZZER PKM24-4AO BUZZER, CB 20PA CONNECTOR 6PIN (MODULAR JACK) CONNECTOR 6PIN (MODULAR JACK) POWER SUPPLY CORD 120V POWER SUPPLY CORD 120V POWER SUPPLY CORD 230V POWER SUPPLY CORD 230V POWER SUPPLY CORD 240V POWER SUPPLY CORD 240V TRANSISTOR 2SC1213A SCREW, PH M2X2 SCREW, PH M2.5X3.5 SCREW, PH M1.7X1.8 SCREW, PH M2.5X8	* * * * * * * *	A. D

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CANON INC.